Biesterfeld
Competence in Solutions

Performance Rubber & Additives

- Accelerators
- Antioxidants
- Batch-Off-Release Agents
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Our Partners ...

Polymers

EP(D)M – Ethylene-Propylene Rubber

Product	Cure rate	Ethylen Content	Mooney Viscosity	Diene Content	MWD	Application information
Copolymers EPM	Vistalon 404	44,5 %	28 ML(1+4)125°C	-	very wide	high temperature application
	Vistalon 703	72,5 %	21 ML(1+4)125°C	-	narrow	high green strength
	Vistalon 706	65,0 %	42 ML(1+4)125°C	-	bimodal	high flex crack resistance
	Vistalon 722	72,0 %	17 ML(1+4)125°C	-	narrow	electric properties, green strength
	Vistalon 785	49,0 %	30 ML(1+4)125°C	-	narrow	hoses, belts
	Vistalon 805	78,0 %	33 ML(1+4)125°C	-	narrow	very high green strength
EPDM	Vistalon 1703 P	76,8 %	25 ML(1+4)125°C	0,9 % *	very wide	green strength, surface
	Vistalon 2504 N	55,5 %	25 ML(1+4)125°C	3,8 %	wide	electric properties, brake pads
	Vistalon 3666	64,0 %	52 ML(1+4)125°C (x)	4,5 %	medium	soft parts, blends
EPDM (Bimodal)	Vistalon 7500	55,5 %	82 ML(1+4)125°C	5,7 %	bimodal	fast curing, good CS
	Vistalon 7700	55,5 %	83 ML(1+8)150°C	7,0 %	bimodal	fast curing, good CS, high loading
	Vistalon 8600	57,5 %	81 ML(1+4)125°C	8,9 %	bimodal	very fast curing, Sponge
	Vistalon 9600	57,5 %	93 ML(1+8)150°C	9,0 %	bimodal	very fast curing, Sponge
	Vistalon 8700	63,0 %	78 ML(1+4)125°C	8,0 %	bimodal	very fast curing, excellent CS
	Vistalon 8800	53,5 %	73 ML(1+4)125°C (x)	10,0 %	bimodal	very fast curing, Sponge
	Vistalon 8800 D	54,0 %	105 ML(1+8)125°C	10,0 %	bimodal	very fast curing, Sponge
EPDM (Metallocene)	Vistalon 5601	68,5 %	72 ML(1+4)125°C	5,0 %	tailored	green strength, high perform.
	Vistalon 7001	73,0 %	60 ML(1+4)125°C	5,0 %	tailored	rapid extrusion, inj.-moulding
	Vistalon 9301	69,0 %	67 ML(1+4)125°C	2,8 %	narrow	roofing and sheeting

(x) - contains process oil: Vistalon 8800: 15phr / Vistalon 3666: 75phr * - VNB

HNBR – Hydrogenated Butadiene Acrylonitrile Co-Polymer

Product	Type	ACN content (%)	Mooney Viscosity, ML (1+4) 100°C	Hydrogenation Degree (%)	Iodine value (mg/100mg)
Zhanber	ZN28255	28	50	90	23-31
Zhanber	ZN35053	36	35	99	4-10
Zhanber	ZN35056	36	65	99	4-10
Zhanber	ZN35058	36	85	99	4-10
Zhanber	ZN350512	36	>110	99	4-10
Zhanber	ZN35153	36	35	95	11-17
Zhanber	ZN35156	36	60	95	11-17
Zhanber	ZN35158	36	80	95	11-17
Zhanber	ZN35253	34	35	90	23-31
Zhanber	ZN35256	34	60	90	23-31
Zhanber	ZN35258	34	80	90	23-31
Zhanber	ZN35355	35	50	85	52-60
Zhanber	ZN39057	39	70	99	4-10
Zhanber	ZN43056	42	65	99	4-10
Zhanber	ZN43058	42	85	99	4-10
Zhanber	ZN43156	42	65	95	11-17
Zhanber	ZN43259	42	90	90	18-26

BR – Butadiene Rubber

Product	Grade	Cis content	Mooney Viscosity, ML (1+4) 100°C	Catalyst	Properties
CHIMEI Kibipol	PR-255	low cis BR (<35 %)	MV 1+4: 54	Li-catalyzed	Colorless, odorless
CHIMEI Kibipol	PR-040	high cis BR (>97 %)	MV 1+4: 45	Nd-catalyzed	White, modern tyre quality
CHIMEI Kibipol	PR-040S	high cis BR (>97 %)	MV 1+4: 45	Nd-catalyzed	White, shoe soles, modern tyre quality
CHIMEI Kibipol	PR-060	high cis BR (>97 %)	MV 1+4: 63	Nd-catalyzed	White, modern tyre quality

SBR – Styrene Butadiene Rubber

Product	Grade	Mooney Viscosity, ML (1+8) 125°C	Styrene content		Functional Content
ESBR	1500 stabilized	52	23,5 %	staining	Dark brown, tyre quality
	1502 stabilized	52	23,5 %	non staining	Pale, industrial quality
CHIMEI Kibipol SSBR	1778 oil extended	41-51	23,5 %	non staining	Pale, industrial purpose
	PR-1205 Li catalyzed	47	18,0 %	non staining	White (for EC label tyres)
	PR-6256 oil extended	47	25,0 %	non staining	Tyres
	PR-6345 oil extended	70	34,0 %		Tyres
	PR-6404				Tyres
	PR-3216	62	21,0 %	non staining	Tyres
	PR-3285	65	28,0 %		Tyres

CPE – Chlorinated Polyethylene

Product	Chlorine Content (%)	Mooney Viscosity ML (1+4) 125°C	Shore A	Typical application
CM 3660 T	35 - 37	60 - 75	≤ 60	Wire and cable, hoses
CM 3690	35 - 37	85 - 95	≤ 60	Rubber compounding
CM 3685	35 - 37	80 - 90	≤ 60	Rubber compounding
CM 3675	35 - 37	70 - 80	≤ 55	Wire and cable, hoses
CM 3665	35 - 37	60 - 70	≤ 55	Wire and cable, hoses, clean surface, high extruding speed
CM 3660	35 - 37	55 - 65	≤ 55	Wire and cable, hoses, clean surface, high extruding speed
CM 3655	35 - 37	50 - 60	≤ 55	Cable jacketing
CM 3650	35 - 37	45 - 55	≤ 55	Cable jacketing
CM 4085	39 - 41	80 - 100	≤ 55	High level flame and oil resistance
CM 3055	29 - 31	50 - 60	≤ 65	Suitable for magnetic materials
CPE 135A	35 - 37	80 - 100	≤ 60	PVC impact modifier
CPE 135A-PS	35 - 37	80 - 100	≤ 60	PVC impact modifier, higher plastification speed
MF 1032	31 - 33	50 - 60	≤ 65	Impact modifier for ABS and PU

CSM – Chlorosulfonated Polyethylene

Product	Type	Mooney Viscosity ML (1+4) 100°C	Chlorine content	Typical application
CSM 20		22-31	29 ± 2%	Adhesives, tapes, soft coatings, natural rubber modification
CSM 30		35-45	43 ± 2%	Adhesives, hard coatings, pipelines, anticorrosion lining
CSM 40	3304	41-50	35 ± 2%	Automotive hoses, rubber seals, wire and cable
CSM 40	3305	51-60	35 ± 2%	Automotive hoses, rubber seals, wire and cable rubber compounds, rubber rollers
CSM 4085		85-95	36 ± 2%	High perform. automot. hoses, oil seal products, special tapes
CSM 45		32-42	23,5 ± 1,5%	Magnetic rubber, radiation shield, high rigidity products
CSM 6525		83-97	27 ± 2%	Automobile accesories, drive belts, pump & hidraulic hoses

FKM – Fluorocarbon Rubber

Bisphenol-Curable Dipolymers

Product	Fluorine Content (%)	Mooney Viscosity, ML (1+10) 121°C	TR_{10} (°C)	Description
Tecnoflon® N 215/U	66	10	-17	Base polymer
Tecnoflon® N 535	66	27	-17	Base polymer, FDA compliant
Tecnoflon® N 935	66	62	-17	Base polymer, FDA compliant
Tecnoflon® NH	66	124	-17	Base polymer, FDA compliant
Tecnoflon® FOR 210	66	10	-17	Cure incorporated
Tecnoflon® FOR 421/U	66	24	-17	Cure incorporated
Tecnoflon® FOR 432	66	19	-17	Cure incorporated
Tecnoflon® FOR 4353	66	20	-17	Cure incorporated, FDA compliant
Tecnoflon® FOR 531	66	46	-17	Cure incorporated
Tecnoflon® FOR 5312K	66	42	-17	Cure incorporated, metal adhesion
Tecnoflon® FOR 532	66	45	-17	Cure incorporated
Tecnoflon® FOR 5351	66	24	-17	Cure incorporated
Tecnoflon® FOR 5351/U	66	24	-17	Cure incorporated
Tecnoflon® FOR 539	66	21	-17	Cure incorporated
Tecnoflon® FOR 60K/U	66	31	-17	Cure incorporated
Tecnoflon® FOR 610	66		-17	Cure incorporated
Tecnoflon® FOR 65BI	66	37	-17	Cure incorporated
Tecnoflon® FOR 7353	66	38	-17	Cure incorporated, FDA compliant

Bisphenol-Curable Dipolymers, HS Grades

Based on an innovative polymerization technology that allows curing without $Ca(OH)_2$. Benefits include enhanced scorch safety, improved mechanical properties, lower compression set and shorter post-cure time.

Product	Fluorine Content (%)	Mooney Viscosity, ML (1+10) 121°C	TR_{10} (°C)	Description
Tecnoflon® N 90HS	66	45	-17	Base polymer, FDA compliant
Tecnoflon® FOR 501HS	66	23	-17	Cure incorporated
Tecnoflon® FOR 50HS	66	23	-17	Cure incorporated
Tecnoflon® FOR 801HS	66	40	-17	Cure incorporated
Tecnoflon® FOR 80HS	66	38	-17	Cure incorporated

Bisphenol-Curable Terpolymers

Product	Fluorine Content (%)	Mooney Viscosity, ML (1+10) 121°C	TR_{10} (°C)	Description
Tecnoflon® TN 50A	68	23	-14	Base polymer
Tecnoflon® TN	68	67	-14	Base polymer, FDA compliant
Tecnoflon® FOR 4391	70	49	-7	Cure incorporated
Tecnoflon® FOR 5381	68,5	21	-13	Cure incorporated
Tecnoflon® FOR 7380K	68	32	-14	Cure incorporated, metal adhesion
Tecnoflon® FOR 9381	68,5	50	-13	Cure incorporated

Bisphenol-Curable Low-Temperature Terpolymers

Due to the specific monomer composition, these grades show improved cold-temperature flexibility compared to bisphenol terpolymers and dipolymers

Product	Fluorine Content (%)	Mooney Viscosity, ML (1+10) 121°C	TR_{10} (°C)	Description
Tecnoflon® T 636/L	66	22	-19	Base polymer
Tecnoflon® FOR 5361	66	21	-19	Cure incorporated
Tecnoflon® FOR 6363A	65,5	30	-19	Cure incorporated
Tecnoflon® FOR TF636	66	31	-19	Cure incorporated

Peroxide-Curable

Product	Fluorine Content (%)	Mooney Viscosity, ML (1+10) 121°C	TR_{10} (°C)	Description
Tecnoflon® P 457	67	21	-15	FDA compliant
Tecnoflon® P 757	67	45	-15	FDA compliant
Tecnoflon® P 459	70	24	-5	FDA compliant
Tecnoflon® P 959	70	48	-5	FDA compliant

Peroxide-Curable Low-Temperature

Product	Fluorine Content (%)	Mooney Viscosity, ML (1+10) 121°C	TR_{10} (°C)
Tecnoflon® PL 458	66	29	-24
Tecnoflon® PL 958	66	53	-24
Tecnoflon® PL 557	65,5	35	-29
Tecnoflon® PL 455	64	19	-30
Tecnoflon® PL 855	64	54	-30

Peroxide-Curable Extreme Low-Temperature

Product	Fluorine Content (%)	Mooney Viscosity, ML (1+10) 121°C	TR_{10} (°C)
Tecnoflon® VPL 55540	65	25	-40
Tecnoflon® VPL 85540	65	45	-40

Specialty Grades

Product	Description
Tecnoflon® TN Latex	Water-based FKM Terpolymer emulsion (70 % solids), alternative to solvent-based fluoro-elastomer coatings
Tecnoflon® NM Powder	FKM Copolymer used as processing aid for polyolefins
Tecnoflon® FPA1	Fluorinated processing aid for rubber, improves flowability
Tecnoflon® M1	Curative (Bisphenol AF crosslinker)
Tecnoflon® M2	Curative (Phospohonium salt accelerator)

Blowing Agents

Product	Type	Description	Decomposition Temp.	Gas volume	Application Details
Cellcom CAP/264	Micro-Capsules	high pressurized gases (e.g. butene), enclosed in polymeric shells	115-185°C		Suitable for most polymers. Shell residue may suffer the pureness of the blown product
Cellcom H	TSH	p-Toluenesulfonylhydrazide	148-154°C	120-130 ml/g	Elastomer foaming for high hygienic (medical) purposes: NR, SBR, IIR, CR, EPDM, EVA.
Cellcom OBSH	OBSH pwd	P,P'-Oxybis Benzene Sulfonyl Hydrazide	158-164°C	125-140 ml/g	Fine foam structure, no odoir, no colouring. Applicable for food and medical products. PVC, EVA, EPDM, CR, NR, SBR, NBR, NBR/PVC, PE-LD, PU
Cellcom OBSH/ ASA2	OBSH pwd dustfree	P,P'-Oxybis Benzene Sulfonyl Hydrazide	158-164°C	125-140 ml/g	
Cellcom EPOB/75	OBSH polymer-bound granules	p,p'-Oxybis (benzenesulfo-nylhydrazide) with EPDM	158-164°C	90-105 ml/g	
Cellcom AC 7000	ADC pwd	Azodicarbonamide	196-205°C	240-300 ml/g	Chemical blowing agent, available in various types. Any PVC, HD-PE, LD-PE, PP, PS, HI-PS, EVA, ABS, PPO, TPE and various elastomers basing on EPDM, CR
Cellcom EP7F/75	ADC polymer-bound granules	Azodicarbonamide with EPDM	198-205°C	200-220 ml/g	

Processing Aids

Flow Improver

Product	Description	Pastille colour	Extra benefits besides of major function
MA-F44	Reacted blend of fatty acid derivatives	pale yellow	For high mineral/silica filled NR and synthetic rubbers. Cell structure improver for EVA foams
MA-F50	Zinc soaps of unsaturated, high molecular weight fatty acids	beige	Very effective for physical NR and synthetic rubber peptisation, enhances carbon black dispersion
MA-F60	Blend of zinc soaps of high molecular weight fatty acids	yellowish	Dedicated for low temperature mixing, improves NR physical peptisation
MA-F60T	Structure of fatty acid soaps and amides	beige	Improves NR physical peptisation, enhances calandering and extrusion, provides smooth surface and higher tear strength
MA-F70S	Blend of zinc soaps of unsaturated, high molecular weight fatty acids	beige	Very effective for white fillers, especially for high loaded Silica compounds, prevents blooming

Lubricants

Product	Description	Pastille colour	Extra benefits besides of major function
MA-L16	Structure of fatty acid soaps and amides	pale beige	For practically all elastomers, reduces sticking on metal surfaces, enhances injection moulding
MA-L20	Fatty acid ester derivative	white	General purpose, works with most fillers and cureatives. Enhances mould release
MA-L22	High molecular weight, aliphatic fatty acid ester	white	High temperature capable, very effective in polar polymers. Improves filler incorporation
MA-L25	Fatty acid ester derivative	white	General purpose, works with most fillers and cureatives. Improves mould filling
MA-L33	Structure of high molecular weight esters and fatty acid soaps	beige	Prevents filler agglomeration in high filled compounds. Improves filler incorporation in open and closed mixing systems
MA-L42	Blend of fatty acid derivative	beige/white	Special recommendation for EPM and EPDM. Enhances mould flow
MA-L48	Blend of esters and metal soaps of natural fatty acids	beige/white	Highly effective for specialty Polymers. Particular suitable to improve flow and release of ECO compounds. It also workes very well to improve extrusion of NBR/PVC blend compounds
MA-L79	Fatty Acid Ester and Polymer	white	has excellent lubricating properties, which leads to reduction of injection pressure in the moulding process and prevents scorch

Polymerbound Accelerators

Sulfenamides

Product	Active Ingredient	Content (% m/m)	Carrier	Appearance
Actmix CBS-80GE F140	N-cyclohexyl-2 benzothiazole sulphenamide	80	EPDM / EVA	Granules
Actmix DCBS-80GE F140	N,N-Dicyclohexyl-2-benzothiazolesulphenamide	80	EPDM / EVA	Granules
Actmix TBBS-80GE F140	N-tert butyl-2-benzothiazyl-sulphenamide	80	EPDM / EVA	Granules

Thiazoles

Product	Active Ingredient	Content (% m/m)	Carrier	Appearance
Actmix MBTS-75GE F140	Dibenzothiazyldisulphide	75	EPDM / EVA	Granules
Actmix ZMBT-80GE F140	Zinc salt of 2-mercaptobenzothiazole	80	EPDM / EVA	Granules

Dithiocarbamates

Product	Active Ingredient	Content (% m/m)	Carrier	Appearance
Actmix ZBEC-70GE F100	Zinc dibenzyldithiocarbamate	70	EPDM / EVA	Granules

Guanidines

Product	Active Ingredient	Content (% m/m)	Carrier	Appearance
Actmix DPG-80GE F140	Diphenylguanidine	80	EPDM / EVA	Granules

Thiurams

Product	Active Ingredient	Content (% m/m)	Carrier	Appearance
Actmix TBzTD-75GE F140	Tetrabenzylthiuram disulphide	75	EPDM / EVA	Granules
Actmix DPTT-75GE F140	Dipentamethylene thiuram tetrasulphide	75	EPDM / EVA	Granules

Thioureas

Product	Active Ingredient	Content (% m/m)	Carrier	Appearance
Actmix ETU-80GE F140	N-N'-Ethylenethiourea	70	EPDM / EVA	Granules

Special accelerators

Product	Active Ingredient	Content (% m/m)	Carrier	Appearance
Actmix ZDTP-50GE F500	Zinc dialkyldithiophosphate	50	EPDM / EVA	Granules
Actmix ZBPD-50GE F140	Zinc o,o-dibutyl dithiophosphate	50	EPDM / EVA	Granules

Vulcanizing agents

Product	Active Ingredient	Content (% m/m)	Carrier	Appearance
Actmix S-80GE F120	Sulphur	80	EPDM / EVA	Granules
Actmix S-80GS	Sulphur	80	SBR	Granules
Actmix S-80GN F140	Sulphur	80	NBR	Granules
Actmix IS60-75GE	Insoluble Sulfur	75	EPDM / EVA	Granules

Metal Oxide

Product	Active Ingredient	Content (% m/m)	Carrier	Appearance
Actmix MgO 75GE F140	Magnesium oxide	75	EPDM / EVA	Granules

Scorching retarders

Product	Active Ingredient	Content (% m/m)	Carrier	Appearance
Actmix CTP-80GE F500	Cyclohexylthiophthalimide	80	EPDM / EVA	Granules
Actmix Retarder E-80GE F200	N-Phenyl-N-(trichloromethylsulfenyl)-benzene sulfonamide	80	EPDM / EVA	Granules

Antioxidants

Product	Active Ingredient	Meltin Point, onset (°C)	Appearance
IPPD	N-isopropyl-N'-phenyl-p-phenylendiamine	75	dark granules
6PPD	N-(1,3-dimethyl-butyl)-N'- phenyl-p-phenylendiamine	50	dark granules
TMQ	polymeric 2,2,4-trimethyl-1,2-dihydrochinoline	80	amber coloured granules

Accelerators / Pure substances

Sulfenamides

Product	Active Ingredient	Colour	Appearance
CBS	N-cyclohexyl-2 benzothiazole sulphenamide	off-white/greyish	granules/oil coated powder
TBBS	N-tert-butyl-2-benzothiazyl sulfenamide	off-white/greyish	granules/oil coated powder
DCBS	N,N-dicyclohexyl-2-benzothiazole sulphenamide	light brown	granules/oil coated powder
TBSI	N-t-butyl-di-(2-benzothiazole) sulfenimide	grayish/white	oil coated powder

Thiazoles

Product	Active Ingredient	Colour	Appearance
MBT	2-Mercaptobenzothiazole	light yellow	granules/oil coated powder
MBTS	Dibenzothiazyldisulphide	yellow	granules/oil coated powder
ZMBT	Zinc salt of 2-mercaptobenzothiazole	light yellow	granules/oil coated powder

Dithiocarbamates

Product	Active Ingredient	Colour	Appearance
ZBEC	Zinc dibenzyldithiocarbamate	white	granules/oil coated powder
ZDBC	Zinc dibutyl dithiocarbamate	white	granules/oil coated powder
ZDEC	Zinc diethyl dithiocarbamate	white	granules/oil coated powder
TDEC	Tellurium diethyldithiocarbamate	orange and yellow	granules/oil coated powder

Guanidines

Product	Active Ingredient	Colour	Appearance
DPG	Diphenylguanidine	off-white / greyish	granules/oil coated powder

Dithiophosphate

Product	Active Ingredient	Colour	Appearance
ZDTP	Zinc dialkyl dithiophosphate	yellowish	vicous liquid

Thiurams

Product	Active Ingredient	Colour	Appearance
TBzTD	Tetrabenzylthiuram disulphide	white	granules/oil coated powder
TiBTD	Tetraisobutylthiuram disulphide	white	granules/oil coated powder
TMTM	Tetramethylthiuram monosulphide	yellow	granules/oil coated powder

Thioureas

Product	Active Ingredient	Colour	Appearance
ETU	N-N'-Ethylenethiourea	white	granules/oil coated powder

Co-Agents

Biesterfeld TAC

Product	Chemical composition	Concentration	Consistency
Biesterfeld TAC 70E	Triallylcyanurat	70 %	Dry liquid

Silicone Rubber

Silicone Rubber HCR Bases

Product	Main features	Applications
XIAMETER®RBB 2100 serie	General Purpose Grades 20-80 Shore A Translucent Food status	Moulding, extrusion, calendering Any type of applications
XIAMETER® 2008 serie	General Purpose Grades 30 + 50 + 70 Shore A Translucent Food status	Moulding, extrusion, calendering Any type of applications
XIAMETER®RBB 2110 serie	High Tear Resistance 30-70 Shore A Translucent Food status	Moulding, extrusion, calendering Any type of applications
XIAMETER®RBB 2120 serie	Very High Tear Resistance 55-70 Shore A Food status	Moulding, extrusion, calendering Any type of applications
XIAMETER®RBB 2130 serie	Non Post Cure Grades 40-80 Shore A Low Compression Set Food status	Moulding, extrusion, calendering Any type of applications Sealing, gasketing
XIAMETER®RBB 2140 serie	Wire and Cable Grades 40-50 Shore A	Cables extrusion
XIAMETER®RBB 2060 serie	Low Temperature Grades 40-50 Shore A	Moulding, extrusion, calendering Any type of applications
XIAMETER®RBB 2150/70	High Green Strength 70 Shore A	Extrusion, calendering Any type of applications

Silicone Rubber HCR Compounds and FSR Compounds

Product	Main features	Applications
SEMSIL HCR	Full customisation of the compounds according to customers needs: mechanical properties food applications flame retardancy color preforming/packaging curing system: peroxide or platinum	Moulding, extrusion, calendering Any type of applications“
SEMSIL FSR	Full customisation of the compounds according to customers needs: mechanical properties food applications flame retardancy color preforming/packaging curing system: peroxide or platinum	Moulding, extrusion, calendering Any type of applications

Silicone Rubber LSR

Product	Main features	Applications
XIAMETER®RBL 9200 serie	General Purpose Grades 20-70 Shore A Translucent Food status	Moulding Any type of applications
XIAMETER®RBL 2004 serie	General Purpose Grades Low compression set 20-75 Shore A Translucent Food status	Moulding Any type of applications gasketing/sealing
XIAMETER®RBL 920X serie	Oil Bleeding 20-50 Shore A 1 to 6 % oil content	Moulding weatherpack/connector seals
XIAMETER®RBL 9390 serie	Oil Resistant 50-70 Shore A	Moulding Engine gasket
DOWSIL®QP1 & QP2	20 -75 Shore A USP Class VI	Moulding Medical applications
DOWSIL®C6	30-70 Shore A USP Class VI Skin contact	Moulding Medical applications
XIAMETER®RBL 9252 serie	Coating/Sleeving Grade	Coating Sleeving
XIAMETER®RBL 1551-55 P	High Voltage	Moulding High Voltage Insulators
SILASTIC®590	Flame Resistance	Moulding Sleeving
XIAMETER®RBL 1523-30	Electrical Conductive Grade	Moulding Electrical applications
NPC 9300-xx	Non Post Cure LSR	Food and Infant Care Applications

Silicone Rubber FSR Bases

Product	Main features	Applications
LS 2840	Standard Grade 40 Shore A	Moulding ,extrusion, calendering Oil and fuel resistance applications
LS 2860	Standard Grade 60 Shore A	Moulding ,extrusion, calendering Oil and fuel resistance applications
LS 5 2040	High mechanical properties 40 Shore A	Moulding ,extrusion, calendering Oil and fuel resistance applications
LS 5 2060	High mechanical properties 60 Shore A	Moulding ,extrusion, calendering Oil and fuel resistance applications
LS 5-8740	High mechanical properties 40 Shore A	Moulding ,extrusion, calendering Oil and fuel resistance applications
LS 5-8760	High mechanical properties 60 Shore A	Moulding ,extrusion, calendering Oil and fuel resistance applications
LS 5-8720	Low modulus 20 Shore A	Moulding ,extrusion, calendering Oil and fuel resistance applications
LS 4-9040	Low compression set 40 Shore A	Moulding ,extrusion, calendering Oil and fuel resistance applications
LS 4-9060	Low compression set 60 Shore A	Moulding ,extrusion, calendering Oil and fuel resistance applications
LS 4-9080	Low compression set 80 Shore A	Moulding ,extrusion, calendering Oil and fuel resistance applications
LS-2940	High Resilience/Rebound Very low compression set NPC Excellent Solvent / Fluid Resistance	Moulding applications Orings, diaphragms
LS-2970	High Resilience/Rebound Very low compression set NPC Excellent Solvent / Fluid Resistance	Moulding applications Orings, diaphragms
LS-4940	High heat stability up to 250°C Good acid gas resistance High Tear strength Low compression set	Designed for Turbocharger applications calendering and extrusion
LS-4960	High heat stability up to 250°C Good acid gas resistance High Tear strength Low compression set	Designed for Turbocharger applications calendering and extrusion

Silicone Rubber F-LSR

Product	Main features	Applications
Silastic® FL 30-9201 LSR	30 Shore A Fully (100 %) fluorinated Excellent resistance to fuels and oils Retain elasticity at low temperatures (Tg ~ -68°C)	Moulding Oil and fuel resistance applications
Silastic® FL 40-9201 LSR	40 Shore A Fully (100 %) fluorinated Excellent resistance to fuels and oils Retain elasticity at low temperatures (Tg ~ -68°C)	Moulding Oil and fuel resistance applications
Silastic® FL 60-9201 LSR	60 Shore A Fully (100 %) fluorinated Excellent resistance to fuels and oils Retain elasticity at low temperatures (Tg ~ -68°C)	Moulding Oil and fuel resistance applications
Silastic® FL 70-9201 LSR	70 Shore A Fully (40 %) fluorinated Excellent resistance to fuels and oils Retain elasticity at low temperatures (Tg ~ -68°C)	Moulding Oil and fuel resistance applications
Silastic® FL 45-9001 F-LSR	45 Shore A Partialy (40 %) fluorinated Good resistance to fuels and oils	Moulding Oil and fuel resistance applications
Silastic® FL 65-9001 F-LSR	65 Shore A Partialy (40 %) fluorinated Good resistance to fuels and oils	Moulding Oil and fuel resistance applications

Silicone RTV

Product	Main features	Applications
XIAMETER®RTV-3081 Curing Agent	Curing Agent condensation cure	Mouldmaking
XIAMETER®RTV-3081-R Curing Agent	Curing Agent condensation cure	Mouldmaking
XIAMETER®RTV-3081-F Curing Agent	Curing Agent condensation cure	Mouldmaking
XIAMETER®RTV-3081-VF Curing Agent	Curing Agent condensation cure	Mouldmaking
XIAMETER®RTV-3481 Base	Base condensation cure	Mouldmaking
XIAMETER®RTV-3483 Base	Base condensation cure	Mouldmaking
XIAMETER®RTV-3483 Curing Agent	Curing Agent condensation cure	Mouldmaking
XIAMETER®RTV-3487 Base	Base condensation cure	Mouldmaking
XIAMETER®RTV-3110 Base	Base condensation cure	Mouldmaking
XIAMETER®RTV-3496 Base	Base condensation cure	Mouldmaking
XIAMETER®RTV-3133 Base	Base condensation cure	Mouldmaking
XIAMETER®RTV-3497 Base	Base condensation cure	Mouldmaking
XIAMETER®RTV-3120 Base	Base condensation cure	Mouldmaking
XIAMETER®RTV-3112 Base	Base condensation cure	Mouldmaking
XIAMETER®RTV-4136-M kit	Kit addition cure	Mouldmaking
XIAMETER®RTV-4131-P1 kit	Kit addition cure	Mouldmaking
XIAMETER®RTV-4250-S kit	Kit addition cure	Mouldmaking
XIAMETER®RTV-4251-S2 kit	Kit addition cure	Mouldmaking
XIAMETER®RTV-4232-T2 kit	Kit addition cure	Mouldmaking
XIAMETER®RTV-4260-V kit	Kit addition cure	Mouldmaking
XIAMETER®RTV-4234-T4 kit	Kit addition cure	Mouldmaking

Silicone Rubber Additives

Flame Retardants, Heat Stabilizer, Processing Aids

Product	Main features	Supplier
TEGOSIL® Heatban 100	Increase heat stability	EVONIK
TEGOSIL® Heatban 110	Increase heat stability	
TEGOSIL® Heatban 200	Increase heat stability	
TEGOSIL® Heatban 400	Increase heat stability LSR	
TEGOSIL® FR 1000	Flame retardant	
TEGOSIL® HT 2000	Heat transfer	
TEGOSIL® HT 2100	Heat transfer	
XIAMETER®RBM-9000	Flame retardant	DOW
XIAMETER®RBM-9001	anticreping agent	
XIAMETER®RBM-9002	Increase heat stability	
XIAMETER®RBM-9003	Increase green strength	
XIAMETER®RBM-9004	Increase green strength	
XIAMETER®RBM-9005	Flame retardant	
XIAMETER®RBM-9006	Flame retardant	
XIAMETER®RBM-9007	Improve filler loading	
XIAMETER®RBM-9008	Acidic by products neutralizer	
XIAMETER®RBM-9010	Mold release	
XIAMETER®RBM-2600	Anti blooming Agent	

Silicone Rubber Color Masterbatches

Product	Main features
HCR	Pigments dispersion in silicone polymer for solid silicone, HTV-HCR
LSR	Pigments dispersion in fluids and resins for liquid silicone, LSR-RTV

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