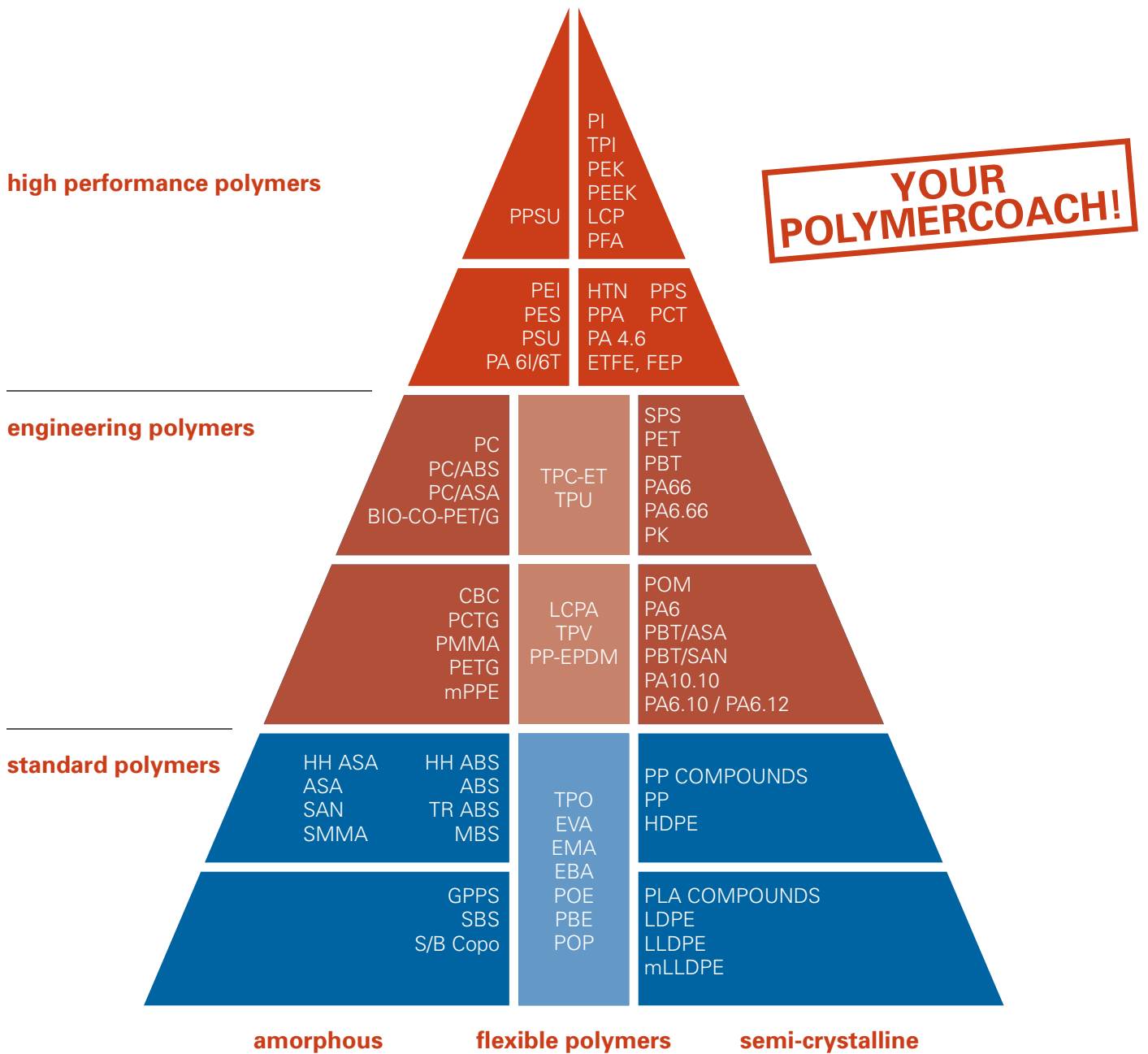




Biesterfeld
Competence in Solutions

Complete Product Portfolio



We have the optimal polymer for your application.



Chemical description	Brand	Supplier
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Standard Polymers

GPPS	BASF PS	BASF
ABS, TR-ABS	POLYLAC®	CHIMEI
ASA	KIBILAC®	CHIMEI
S/B COPO	CLEAR KIBITON®	CHIMEI
SAN	KIBISAN®	CHIMEI
MBS	DENKA TH21	DENKA
S/B COPO	DENKA NSBC	DENKA
PP COMPOUNDS	EXXTRAL™	EXXON MOBIL
EVA	EVA	HANWHA TOTAL PETROCHEMICAL
HDPE	RIGIDEX®/ELTEX® PF	INEOS O&P EUROPE
HDPE	ELTEX® SUPERSTRESS/ELTEX® MED	INEOS O&P EUROPE
HPP, ICP, RCP	INEOS PP/RIGIDEX® P	INEOS O&P EUROPE
LDPE	NOVEX® /ELTEX® MED	INEOS O&P EUROPE
LLDPE C6, METALLOCENE LLDPE, mVLDPE POP	INNOVEX® /ELTEX® PF	INEOS O&P EUROPE
SBS	KUHMO SBS	KUMHO
ABS	LG-ABS	LG-CHEM
ASA	LG-ASA	LG-CHEM
SAN	LG-SAN	LG-CHEM
TR-ABS	LG-M-ABS	LG-CHEM
PS MICROGRANULES	SYNTHOS PS	SYNTHOS
PP COMPOUNDS	TOSAF COMPOUNDS	TOSAF

Engineering Polymers

PA 6.10, 6.12, 10.10 (renewable sourced)	ZYTEL® LC	DUPONT
PA 6.6, 6	MINLON®	DUPONT
PA 6.6, 6, 6.66, 6.12	ZYTEL®	DUPONT
PA HIGH PERFORMANCE	ZYTEL® PLUS	DUPONT
PA MULTIPOLYMER	ELVAMIDE®	DUPONT
PBT	CRASTIN®	DUPONT
PET	RYNITE®	DUPONT
POM	DELRIN®	DUPONT
PPA	ZYTEL® HTN	DUPONT
PC	WONDERLITE®	CHIMEI
PC/ABS	WONDERLOY®	CHIMEI
PMMA	ACRYREX®	CHIMEI
SMMA	ACRYSTEX®	CHIMEI
mPPE, PPO	LUMILOY®	LG-CHEM
PC/ABS, PC/ASA	LUPOY®	LG-CHEM
PET/PC	LUPOX®	LG-CHEM
PMMA	LG-PMMA	LG-MMA
PMMA High Impact	LG-PMMA	LG-MMA
STYRENIC POLYMER HIGH TEMPERATURE	DENKA RESISFY	DENKA
PC	TARFLON®	IDEMITSU
PC HIGH PERFORMANCE	TARFLON® NEO	IDEMITSU
SPS	XAREC®	IDEMITSU
TAILOR MADE COMPOUNDS	LUVOCOM™	LEHMANN & VOSS
PA 6	PROMYDE®	NUREL
COLOUR COMPOUNDS	RTP COMPOUNDS	RTP
BIO-COPOLYESTER	ECOZEN®	SK-CHEM
PCTG, PETG	SKYGREEN®	SK-CHEM
PP COMPOUNDS	EXXTRAL™	EXXON MOBIL
PP COMPOUNDS	HI-PRENE®	GS CALTEX
PP COMPOUNDS	OMIKRON® COMPOUNDS	TECNOPOL
PP COMPOUNDS	TOSAF COMPOUNDS	TOSAF
PA6I/6T	SELAR® PA	DUPONT

Chemical description	Brand	Supplier
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High Performance Polymers

PA 6.10, 6.12, 10.10 (renewable sourced)	ZYTEL® LC	DUPONT
PA HIGH PERFORMANCE	ZYTEL® PLUS	DUPONT
PET	RYNITE®	DUPONT
PI	VESPEL®	DUPONT
POM HOMO	DELRIN®	DUPONT
PPA	ZYTEL® HTN	DUPONT
PTT (renewable sourced)	SORONA®	DUPONT
COMPOUNDS (for extrusion based 3D printing)	LUVOCOM® 3F	LEHMANN & VOSS
HIGH PERFORMANCE COMPOUNDS	LUVOCOM®	LEHMANN & VOSS
PK	LUVOCOM® 70	LEHMANN & VOSS
PES	VERADEL®	SOLVAY
PPS	RYTON®	SOLVAY
PPS ELASTOMER BLENDS	RYTON® XE	SOLVAY
PPS POLYMER BLENDS	RYTON® XK	SOLVAY
PPSU	RADEL® R	SOLVAY
PSU	UDEL®	SOLVAY
PEEK	VICTREX™ PEEK	VICTREX
PEEK COATINGS	VICOTE™	VICTREX
PEEK FILM	APTIV™	VICTREX
PEEK HIGH TEMPERATURE (PEK, PEKEKK)	VICTREX™ HT/ST	VICTREX
PFA	TEFLON® PFA	CHEMOURS
ETFE	TEFZEL®	CHEMOURS
FEP	TEFLON® FEP	CHEMOURS
LCP	SELCION®	WOTTE
PA6I/6T	SELAR® PA	DUPONT

Transparent Polymers

GPPS	BASF PS	BASF
TPU-ESTER	ELASTOLLAN®	BASF POLYURETHANES
TPU-ETHER	ELASTOLLAN®	BASF POLYURETHANES
TR-ABS	POLYLAC®	CHIMEI
PC	WONDERLITE®	CHIMEI
PMMA	ACRYREX®	CHIMEI
S/B COPO	CLEAR KIBITON®	CHIMEI
SAN	KIBISAN®	CHIMEI
SMMA	ACRYSTEX®	CHIMEI
SAN	LG-SAN	LG-CHEM
TR-ABS	LG-M-ABS	LG-CHEM
PMMA	LG-PMMA	LG-MMA
PMMA High Impact	LG-PMMA	LG-MMA
MBS	DENKA TH21	DENKA
S/B COPO	DENKA S/B COPO	DENKA
STYRENIC POLYMER HIGH TEMPERATURE	DENKA RESISFY	DENKA
PC	TARFLON®	IDEMITSU
PC HIGH PERFORMANCE	TARFLON® NEO	IDEMITSU
RCP	INEOS PP/ELTEX®	INEOS O&P EUROPE
PA6	PROMYDE®	NUREL
BIO-COPOLYESTER	ECOZEN®	SK-CHEM
PCTG, PETG	SKYGREEN®	SK-CHEM
BIO-COPOLYESTER for 3D printing filaments	SKYLETE® E	SK-CHEM
COPOLYESTER for 3D printing filaments	SKYLETE® G	SK-CHEM
PES	VERADEL®	SOLVAY
PPSU	RADEL® R	SOLVAY
PSU	UDEL®	SOLVAY
PS MICROGRANULES	SYNTHOS PS	SYNTHOS
CBC	ViviOn™	USI
PA6I/6T	SELAR® PA	DUPONT

Chemical description	Brand	Supplier
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Flexible Polymers

TPU FOOD GRADE	ELASTOLLAN®	BASF POLYURETHANES
TPU-ALIPHATIC	ELASTOLLAN®	BASF POLYURETHANES
TPU-ESTER	ELASTOLLAN®	BASF POLYURETHANES
TPU-ETHER	ELASTOLLAN®	BASF POLYURETHANES
FLEXIBLE ENGINEERING ELASTOMERS	SKYLETE® L	SK-CHEM
S/B COPO	CLEAR KIBITON®	CHIMEI
S/B COPO	DENKA NSBC	DENKA
PA 6.10, 6.12, 10.10 (renewable sourced)	ZYTEL® LC	DUPONT
PA FLEXIBLE	ZYTEL® FN	DUPONT
TPC-ET	HYTREL®	DUPONT
TPC-ET (renewable sourced)	HYTREL® RS	DUPONT
TPO	VISTAMAXX™	EXXON MOBIL
TPV	SANTOPRENE™	EXXON MOBIL
TPV	GEOLAST™	EXXON MOBIL
EVA	EVA	HANWHA TOTAL PETROCHEMICAL
POP	ELTEX®	INEOS
POE	LUCENE®	LG CHEM
EMA / EBA	EMAC®/EBAC®	WESTLAKE
EVA	ELEVATE®	WESTLAKE
MAH	TYMAX®	WESTLAKE
PA6I/6T	SELAR® PA	DUPONT

Green Polymers

PA 6.10, 6.12, 10.10 (renewable sourced)	ZYTEL® LC	DUPONT
TPC-ET (renewable sourced)	HYTREL® RS	DUPONT
HDPE REGRIND	KRUTENE	KRUSCHITZ
LDPE REGRIND	RETENE	KRUSCHITZ
PP REGRIND	KRUPLANE	KRUSCHITZ
PP/PE BLEND REGRIND	KRUBLEND	KRUSCHITZ
ABS, PS, PP, PC/ABS REGRIND	MGG REGRIND	MGG
HDPE REGRIND	MINGALEN	MINGER
PA 11, PA 12 REGRIND	MINGAMID	MINGER
PEEK REGRIND	MINGAPEEK	MINGER
PP REGRIND	MINGAPROP	MINGER
PVDF REGRIND	MINGAFLOUR	MINGER
PLA/STARCH BASED COMPOSTABLE COMPOUND	INZEA® Biopolymers	NUREL
TPU REGRIND	ELASTOBLEND	BASF POLYURETHANES
BIO-COPOLYESTER	ECOZEN®	SK-CHEM
rHDPE, min. 50% recycling (PCR) content	Recycl-IN	INEOS Olefins
rLLDPE, min. 50% recycling (PCR) content	Recycl-IN	INEOS Olefins
rPP, min. 50% recycling (PCR) content	Recycl-IN	INEOS Olefins

Polymers for 3D printing

BIO-COPOLYESTER for 3D printing filaments	SKYLETE® E	SK-CHEM
COPOLYESTER for 3D printing filaments	SKYLETE® G	SK-CHEM
COMPOUNDS (for extrusion based 3D printing)	LUVOCOM® 3F	LEHMANN & VOSS
PEEK for 3D printing filaments	VICTREX™ PEEK	VICTREX
mPPE for 3 D Extrusion filaments	LG LUMILOY	LG Chem
ASA for 3 D Extrusion filaments	LG ASA	LG Chem
PMMA high impact	LG PMMA	LG MMA
ABS for 3D printing filaments	POLYLAC®	CHIMEI
PC for 3D printing filaments	WONDERLITE®	CHIMEI
PA for 3D printing filaments	PROMYDE®	NUREL
PLA/STARCH BASED COMPOSTABLE COMPOUND	INZEA® Biopolymers	NUREL

Chemical description	Brand	Supplier
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Additives and Specialities

PERMANENT ANTISTATIC MASTERBATCH	ELASTOSTAT®	BASF POLYURETHANES
MASTERBATCHES FOR TPU (Colors, UV, Laser...)	ELASTOLLAN® KONZ	BASF POLYURETHANES
CROSSLINKING AGENT FOR TPU	ELASTOLLAN® X-FLEX™	BASF POLYURETHANES
LIQUID CLEANING AGENT	PLASTOCLEAN®	BIESTERFELD
S/B COPO IMPACT MODIFIER	CLEAR KIBITON®	CHIMEI
HEAT RESISTANCE MODIFIER for PMMA	DENKA RESIFY	DENKA
HEAT RESISTANCE MODIFIER for ABS	DENKA IP	DENKA
S/B COPO IMPACT MODIFIER	DENKA S/B COPO	DENKA
TPC-ET IMPACT MODIFIER for ABS, PVC, PBT	HYTREL®	DUPONT
PO BASED COUPLING AGENT, IMPACT MODIFIER	EXXELOR™	EXXON MOBIL
PBE IMPACT MODIFIER, TRANSPARENCY ENHANCER	VISTAMAXX™	EXXON MOBIL
POP SOFTENING AND SEALANT AGENT for FILM	ELTEX®	INEOS O&P EUROPE
PE PP POWDER	ELTEX®	INEOS O&P EUROPE
SBS IMPACT MODIFIER	KUMHO SBS	KUMHO
POE IMPACT MODIFIER	LUCENE™	LG-CHEM
NANO-CLAY BARRIER MASTERBATCHES	HYPERIER®	LG-CHEM
ANTIMICROBACTERIAL MASTERBATCHES	HEROC	SANAI TEC
PS MICROGRANULES	SYNTHOS PS	SYNTHOS
UV STABILIZER	TOSAF UV	TOSAF
FLAME RETARDANT ADDITIVES	TOSAF FR	TOSAF
ANTIBLOC ADDITIVES	TOSAF AB	TOSAF
ADDITIVES (Slip, Antifog, Processing Aid,..)	TOSAF ADDITIVES	TOSAF
COLOUR MASTERBATCH	TOSAF COLOURS	TOSAF
CaCO ₃ , TALKUM MASTERBATCH	TOSAF CaCO ₃	TOSAF
PA6I/6T	SELAR® PA	DUPONT
EMA / EBA	EMAC® /EBAC®	WESTLAKE
EVA	ELEVATE®	WESTLAKE
MAH	TYMAX®	WESTLAKE

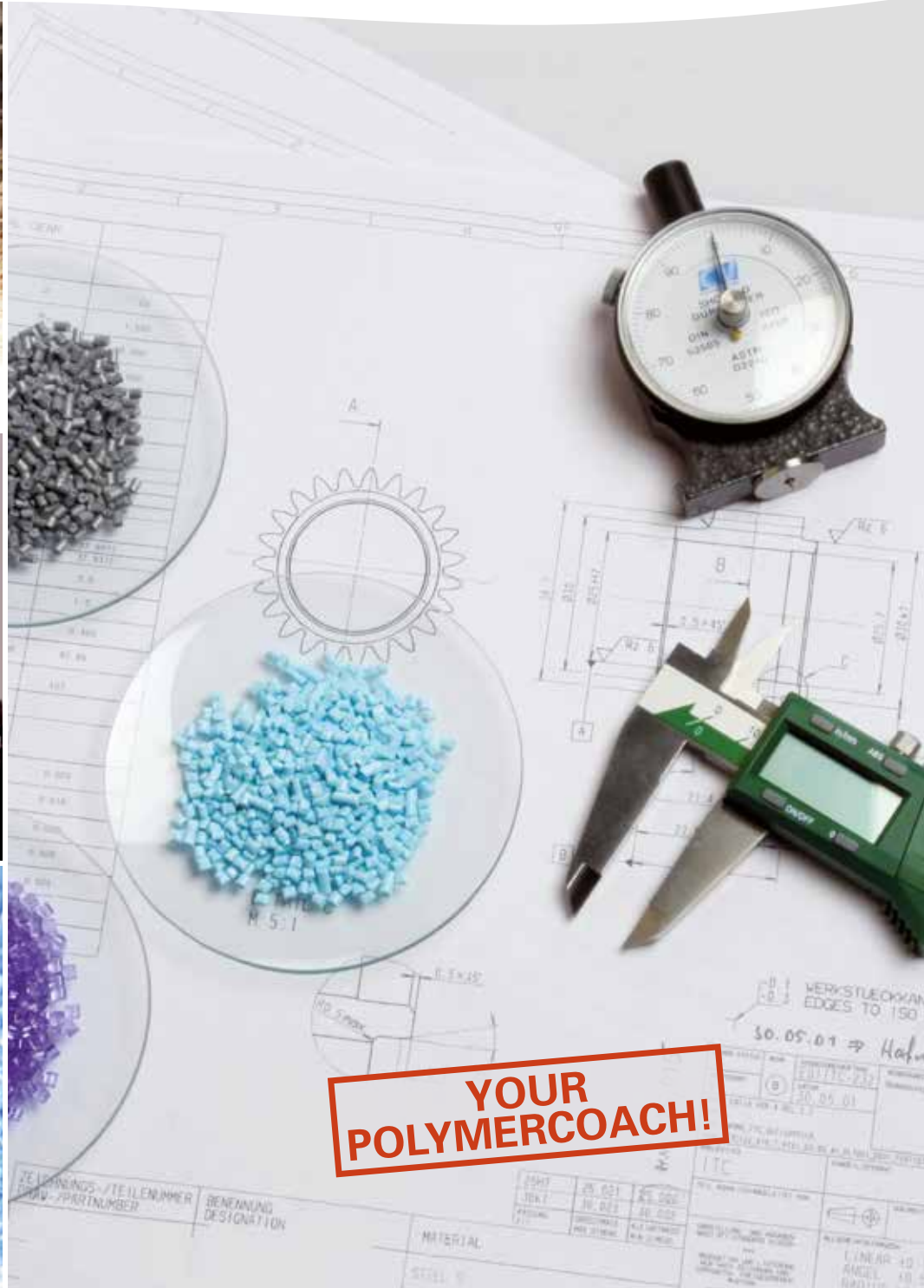
Rubber

ESBR	RUBBER POLYMERS	SIBUR
NBR	RUBBER POLYMERS	SIBUR
NBR/PVC Bale	RUBBER POLYMERS	SIBUR
NBR/PVC Powder	RUBBER POLYMERS	SIBUR
RUBBER CHEMICAL ADDITIVES	Pellets, Granules for crosslinking	BIESTERFELD SIMKO
SILICONE RUBBER COMPOUNDS	SEMSIL (Solid rubber)	BIESTERFELD SOA
CARBON BLACK for rubber	VULCAN, STERLING, SPHERON	CABOT
BR Hi-cis Nd-catalyzed	KIBIPOL® PR-040	CHIMEI
BR Low-cis	KIBIPOL® PR-255	CHIMEI
SSBR	KIBIPOL® PR-1205	CHIMEI
SILICONE RUBBER	SOLID BASES, LSR, ADDITIVES	DOW XIAMETER, SILASTIC
BIIR (Halobutyl)	BROMOBUTYL	EXXON MOBIL
CIIR (Halobutyl)	CHLOROBUTYL	EXXON MOBIL
EPDM Terpolymer	VISTALON®	EXXON MOBIL
EPM Copolymer	VISTALON®	EXXON MOBIL
IIR	BUTYL	EXXON MOBIL
METAL OXIDES	ZINKOXID	GRILLO
CSM	HONGRUN-CSM	JIANGXI HONGRUN CHEMICAL
CHEMICAL BLOWING AGENTS	CELLCOM Series	KUM YANG
RUBBER PROCESSING AIDS	MA (Pellets, Granules)	MASTER ADDITIVES
CABLE COMPOUNDS	MECOLINE, FM	MELOS
CM RUBBER	CM	POLYGRAND
CPE RESIN	CPE	POLYGRAND
ANTI TACK PRODUCTS	PSG	PSG ALKON
HNBR	ZHANBER	ZANNAN



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Competence in Solutions



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