

LANXESS
Energizing Chemistry
Elastomers

BR	Polybutadiene rubber	Buna CB [®]
CR	Chloroprene rubber	Baypren [®]
NBR	Acrylonitrile-Butadiene rubber	Perbunan NT [®] Krynac [®] Baymod N [®]
HNBR	Hydrogenated butadiene acrylonitrile rubber	Therban [®]
EVM	Ethylene Vinyl Acetate copolymers	Levapren [®] Levamelt [®] Baymod L [®]
EPM/EPDM	Ethylene Propylene Diene rubber	Buna EP [®]
IIR-BBIR-CIIR	Butyl rubber, halogenated butyl rubber	Lanxess Butyl [®]

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Additives

Accelerators	Thiazoles, Sulfenamides, Thiurams, dithiocarbamates, guanidines, Amines	Vulkacit [®] Cohedur [®]
Retardants	Phthalic anhydride, phthalimide	Vulkalent [®]
Antioxidants	Amines TMQ (staining), phenolic and Mercaptoimidazoli (no staining)	Vulkanox [®]
Antiozonants	Non-staining	Vulkazon [®]
Peptizing	DBD	Renacit [®]
Plasticizers	Thioethers, Thioesters, Carboxylic ester, Aromatic Polyethers	Vulkanol [®]
	Polymeric	Ultramoll [®]
	Flame-resistant phosphate	Disflamoll [®] Levagard [®]
	Monomeric phthalates-free	Mesamoll [®]
Blowing Agents	ADC pure and modified	Genitron [®]
Bonding Agents	HMMM, Resorcinol	Cohedur [®]
Activators	Zinc Oxide	Zinkoxid Aktiv [®] Transparent [®]
Reinforcing fillers	Silica	Vulkasil [®]
	Iron Oxide	Bayferrox [®] Colortherm [®]
Inorganic pigments	Chromium oxide green	Bayoxide [®]



Accelerators	Dithiocarbamates	TDEC 75 – ZBEC 80 – ZDBC 80 – ZDEC 80 – ZDMC 80 – ZEPC 80
	Dithiophosphates	ZDTP 70 DL – ZDTP 50
	Guanidines	DOTG 70 – DPG 80
	Sulfenamides	CBS 80 – MBS 80 – TBBS 80
	Thiazoles	MBT 80 – MBTS 80 – ZMBT 80
	Thioureas	DETU 80 – DPTU 80 – ETU 80
	Thiurams	DPTT 70 – MPTD 80 – TBTD 50 – TBzTD 80 – TETD 75 – TMTD 80 – TMTM 80
Vulcanizing agents	Sulphur Donors	CLDS 80 – DTDM 80
	Sulphur	S 80
	Insoluble Sulphur	IS 60/75 – IS 90/75
Antioxidants / Antidegradants	Amines (staining)	DA 70 DL – BLS 75 DL – BL 50 – IPPD 80
	Phenol (no staining)	SP 70 DL – T 65 DL – DS 90
	Others (non-staining)	22M46 / 75 – BHT 75 – CLP 75 – MBI 80 – MMBI 80 – ZMMB 50
Vulcanization Activators	Cyanurates	TAC 70 DL – TAC 50
	Others	EDMA 70 DL – HVA-2 70 – TRIM 70 DL
Metal oxides / Vulcanization activators	calcium oxide	CaO 80
	Iron oxide	Fe-Red 70
	Magnesium oxide	MgO 75
	Titanium oxide	TiOA 80 – TiOR 80
	Zinc oxide	Zn trasp-75 – ZnO 80 – ZnO 80 aktiv
Retardants	Phthalimides	PVI 50 – PVI 80
	Sulphonamides	E 80
Adhesion promoters	Resorcinol	RESORCIN 80
	Resin	HMMM 50 DL – HMMM73 DL – HMMM 50
Flame retardants	Antimony trioxide	Trioxide 90
	Bromine derivatives	DECA 80
	Chromium derivatives	CL 50 GE
Processing aids	Fatty acids esters with and without zinc	SER AP/2 SER AP/22 SER AP 15 SER AP 19 SER AP 42
	Micro waxes crystalline antiozone	SER AO – RIOWAX
	Paraffins	PARAFFINE SER
	Polyethylenic	SER PE
	Lubricants	Vaseline



Liquid release agents	Alkaline salts of fatty acids	
	Dispersion of fillers	BO 130 K – BO 60/2 – DNS 310
	Dispersion of synthetic polymers	CX/S – DNS 75/1500
	Polyester blend	

		Pigments	Organic Pigments for masterbatches, compounding & PVC	Bricofor
		BR	Butadiene Rubber	Kibipol PR-040
		Plasticizers	Adipic Polymeric Benzoic	DOA Plaxter P Plaxter B
		Viscosity modifier for high performance elastomers	Nanospheres of amorfous SiO2	Sidistar®
		Foaming agent	ADC, OBSH	Celogen
		BM – Black master	Black Masterbatches	PEB, PVC, PPB
		Semi-permanent release agents	Polymer dispersion in water and solvent	Frekote® Aqualine®
		Methylated melamine formaldehyde resin		Komelol
		Epoxy Resins		Epi-rez Resina Epikote
		Lubricant	oils and silicone fluids	
		Slip and Process agents	Amides and Stearates	Kemamide
		Hydrocarbon resins		Novares®
		Organic pigments	Titanium dioxide	Titone
		Sulphur	Oil coated Sulphur	Solvay & Cpc Barium Strontium GMBH
		Refined Oil	White oils Petrolatum Plastics Oil Telephone Cable Compounds	Hydrobrite Witcogel
		Liquid Polybutadiene		Lithene AH - Lithene PH - Lithene AL
		EVA	Ethylene-vinyl acetate copolymers	Evatane

Bonding Agents	Liquid HMMM 72% and 65%	Melamin	
Processing aids	Zincolet		
Curing agents	Peroxides		
Blowing agents	Azodicarbonamide		
	OBSH		
	Carbo-zinc		
Activators	Magnesium Oxide		
	Liquids and Supported Silanes		
	Zinc Oxide Green and Gold Seal	Zincol Ossidi	
Co-plasticizers	Chlorinated Paraffins		
Reinforcing fillers	Carbon Blacks	Columbian Carbon	
Flame-retardant fillers	Hydrated Alumina		
	Antimony Trioxide		
	Chloroparaffins		
Silicone Emulsions	Zinc Borate		
Desiccant	Brensil SN Emulsion		
Kickers	Calcium Oxide	Calsec AP, Calsec FE, Calsec GR, Calsec PO.	
Lubricants and Slip Agents	Zbs		
	Polyethylene Waxes		
	PEG - Polyethylene glycol		
Plasticizers / phthalates and assimilated	Metal stearates	Faci	
	Stearine	Undesa	
	Diocyl terephthalate DOTP, Butyl Phthalate DBP, Isobutyl Phthalate DIBP, Isodecyl Phthalate DIDP, Isononyl Phthalate DINP, Octyl Phthalate DOP		
Pigments	Sebacate - DOS		
	Titanium Dioxide Anatase		
Polymers	NBR/PVC blends	Brenn 5033 Brenn 7028 Brenn 7033 Brenn 7039	
	Polybutadiene		
	Chlorosulfonated polyethylene	CSM 40 / CSPE 40	
	Chlorinated Polyethylene	CPE SBR 1502 SBR 1712 SBR 1723	
Phenolic Resins	Acetates	Butyl acetate Ethyl acetate Ethyl acetate anhydrous	
	Benzoic acid and derivates	Salts of benzoic acid	
	Sulfamic acid	Sulfamic acid	
	Alcohols - Derivated fatty acids	Castor oil Vaseline	
	Light aliphatics	National heptane National hexane	
	Chemicals	Ammines	Triethylamine
		Ketones	Acetone Cyclohexanone Methyl ethyl ketone
		Chlorinated	Methylene Chlorure Dichloropropane
		Ethylene glycols	Diethylene glycol Ethylene glycol
		Caustic Soda	Caustic soda flakes Caustic soda sol. 30% Caustic soda sol. 48/50%

BRENNTAG
SPECIALTIES

Production Plant in
Via Del Mare, 19/E9 – 19/E10
10040 Piobesi Torinese TO

Pre-weighed and
mixed products

Granules
Liquids
Powders

Additives
Amines
White fillers and Carbon Black
Metal Oxide
Plasticizers and liquid resins
Sulfur
Liquid Polybutadiene



Dry-liquids

Powder oils coated

Mixing raw materials

BRENNTAG
SPECIALTIES

Chemical Analysis
laboratory



Accreditation ACCREDIA
n° 0723

Chemical analysis of
raw materials



LAB N° 0723

Thermal Analysis

DSC

TGA

F.T.I.R.

Infrared Analysis

TGA-IR

Micro F.T.I.R.

GC-MS

Volumetric Analysis

Karl Fischer

Softening Point

Analyzer Sulfur/Carbon

Laser Microgranulometer

Brookfield Viscosimeter

pH-Meter

Refractometer

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