

# BEDFORD

## Specialty Sales

Providing Solutions for the Future

### Plastic & Elastomer Product Offerings

Product Family	Supplier	Description / Grades Available
Accelerators		Thiazoles, Sulfenamides, Guanidines, Thiurams, Dithiocarbamates, Specialty Products
Acetal (POM)	LG Chem LUCEL	POM, POM compound
Acrylate / Methacrylate	LG Chem, LX MMA, Green Chemical	AA, BA, EA, MA, VAM, 2-EHA, TMPTMA Full range of products available
Additives	Amfine/ADEKA	Antioxidants, UV Absorbers, Hindered Amine Light Stabilizers, Nucleating Agents & Clarifiers, Metal Deactivators, Non-halogenated Flame Retardants, Permanent Antistatic Agent
Butyl Rubber	LG Chem	BR, NBR, SBR
Carbon Black	Competitive Green Technologies	Bio-sourced Carbon Black MB in PP or PE
Carbon Nanotubes	LG Chem	CNTs have extraordinary electrical conductivity, heat conductivity, and mechanical properties.
Chlorinated Polyethylene (CPE)	3N International	Standard 25%-42% Chlorine Content
Chlorosulfonated Polyethylene Rubber (CSM)	Jiangxi Hongrun Chemical Co	This synthetic rubber is resistant to chemicals, weathering and water. It can handle temperature extremes and exposure to UV light.
Colorants	UMC, Supreme Chemical	Color masterbatches, Phthalocyanine, pearlescent, phosphorescent, UV fluorescent, daylight fluorescent, thermochromic, photochromic, aroma, pigment black (polymer derived ceramic pigments)
Conductive Resin	LG Chem LUCON	ABS, PS, PC, mPPE, PPS compound
EEA	ENEOS NUC Corporation	7% - 35% Ethyl Acrylate Content, bio-balanced
Ethylene Vinyl Acetate	LG Chem SEETEC	28% - 40% VA Grades, <28% by request
Fillers		Fumed silica, Precipitated silica, biodegradable, starches, TiO <sub>2</sub> , ZnO, MgO, etc
Flame Retardants	3N International	Antimony Trioxide, Brominated compounds, Zinc borate/stannate/hydroxystannate, Phosphate compounds, Aluminum Trihydrate
Fluoroelastomers	Chenguang FSE Co.	FKM compounds/process aids/gums, FFKM compounds/gum, FEP, PFA, PTFE, FVMQ, PPA, PVDF



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<b>Heat Resistant Resin</b>	LG Chem LUSEP	PPS & SPS compound
<b>MAH-g</b>	Hyundai Engineering Plastics	Compatibilizer, Impact Modifier
<b>Metallic Stearates</b>	Blachford	Al, Ba, Ca, Cu, Co, Fe, K, Li, Mg, Mn, Na, Zn
<b>Modified Polyphenylene Ether (mPPE)</b>	LG Chem LUMILOY	PPE/HIPS, PPE/PA alloy
<b>Olefin</b>	LG Chem LUPOL	PP Compound
<b>Peroxide MB</b>	Advance Polymer Services	Peroxide MB In PP, 5%, 7%, 10%, 20%
<b>Plasticizers</b>	LG Chem, Additional suppliers	TOTM, DINP, DOP, DOTP, Non-phthalate plasticizers
<b>Polyamide</b>	LG Chem LUMID	PA compound, PA alloy
<b>Polybutyrate Adipate Terephthalate (PBAT)</b>	LG Chem	PBAT is a biodegradable and compostable (EN13432) biopolymer with similar properties like low density polyethylene (LDPE).
<b>Polycarbonate</b>	LG Chem LUPOY	PC Compound, PC alloy, PC/ABS Compound, PC/ASA Compound
<b>Polyester</b>	LG Chem LUPOX, LUMAX	PBT, PBT compound, PBT alloy, PBT/Styrenics alloy
<b>Polyethylene</b>	LG Chem LUTENE, LUCENE, SEETEC	LLDPE, LDPE, HDPE, XLPE, mPE, Bio-balanced
<b>Poly-lactic Acid (PLA)</b>	LG Chem, ANBIO	PLA is a thermoplastic monomer derived from renewable, organic sources such as corn starch or sugar cane.
<b>Polymethylmethacrylate (PMMA)</b>	LG Chem	
<b>Polyolefin Elastomer (POE) /Plastomer (POP)</b>	LG Chem LUCENE	Impact Resistance, Processability, Dimensional Stability, Printability, Bio-balanced
<b>Polypropylene</b>	LG Chem SEETEC	PP homopolymer, PP copolymer, PP impact copolymer
<b>Polyvinyl Chloride (PVC)</b>	LG Chem	General purpose
<b>Process oils</b>	Cross Oil	Base oils, process oils
<b>Purging Compounds</b>	ADMARK International	Resin-based product designed to clean thermoplastic molding machines of many types; injection molding machines, blow molding machines, and extruders
<b>Silane</b>	Multiple Suppliers	Acetoxy, Alkoxy, Alkyl, Amino, Chloro, Epoxy, Fluoro, Mercapto, Methacrylate,
<b>Silicone</b>	DOW, KCC Silicone,	PDMS, HTV, RTV
<b>Slip Agents</b>	Pathwel	Erucamide, Oleamide, Stearamide, Behenamide
<b>Solvent Dyes</b>	Kadion Waxoline	Provide excellent performance in various polymers: PS, SAN, ABS, PMMA, PC, PETP and PETB, POM, unplasticized PVC and PPO
<b>Styrene Butadiene Block Copolymer</b>	SINOPEC	SIS, SBS, SEBS, SEPS, SSBP
<b>Styrenics</b>	LG Chem LUPOS	Reinforced ABS & SAN
<b>Thermoplastic Vulcanizate (TPV)</b>	Hyundai Engineering Plastics	TPV is made of polypropylene (PP) and ethylene-propylene diene rubber (EPDM).
<b>TPE</b>	LG Chem KEYFLEX BT/TO	TPEE (Ester type elastomer), TPO (Olefin type elastomer)
<b>Post-Consumer Recycled material (PCR)</b>	LG Chem	PCR-PE, PCR-PP, PCR-BOPE (2027)

