



Caps & Closures

Connecting you with a network
of thermoplastic resin

SOLUTIONS



For availability and orders:

Toll Free (U.S.): +1 833.44.NEXEO (+1 833.446.3936)

nexeoplastics.com

Smart Solutions for Cap and Closure Packaging Applications

Wide selection of high-quality polymers to meet your specific application

Performance in sealing, aesthetics, processability, dimensional stability, and sustainability

Offer engineering thermoplastic materials to meet specialized molding requirements

Nexeo Plastics connects customers to the world's top producers of PP and PE resins. You can choose from our extraordinary portfolio of high-quality products from homopolymer, copolymer, random copolymer, impact copolymer polypropylene, to HDPE, LDPE, LLDPE and "green" PE.

With a strong engineering and technical service team, we support your entire product lifecycle, from choosing the right material to part design. We also support a wide range of applications, including food, beverage, pharmaceutical, personal care, household and automotive chemicals.



Extensive Distribution

We help you connect globally and provide value added services, no matter the location. Throughout North America, Europe and Asia, we're able to offer supply chain management expertise that enhances your business.

- Packaging flexibility, including bags, boxes, returnable containers, bulk trucks, railcars
- Electronic ordering
- Dedicated stocking program for specific customer needs
- Flexible/frequent delivery service
- Centralized network, with a dedicated fleet to ensure on-time delivery

We Have the Experts to Give You the Edge

Nexeo Plastics offers significant technical support through our team of technical service representatives and dedicated application development engineers.

This technical service team is committed to delivering solutions that can enable processors to:

- Reduce their processing costs and improve cycle time up to 10%
- Provide the right material selection and additives
- Increase processing efficiency with mold and cooling design recommendations
- Enable a quick color change over and balanced hot runner system designs
- Conduct molding trials for new molds during the start-up phase

The Nexeo Plastics technical team has been successful in reducing costs when engaged early in the design of the part:

- Minimize part wall thickness and unique living hinge designs
- Design of cooling channels to reduce cycle times
- Use of rheology support to predict material flow and cooling
- Troubleshooting of existing molds

Product and Technical Specifications

Polypropylene

SUPPLIER	PRODUCT	TYPE	MELT FLOW	ADDITIVE	APPLICATION
LYB	6523	HPP	4	LTHA	Caps & Closures
LYB	6331	HPP	12	O	Caps & Closures
LYB	6331NW	HPP	12	N, A, C	Caps & Closures
LYB	6329	HPP	14	O	General Purpose Closures
LYB	PD702	HPP	35		General Purpose Closures
LYB	PD702NW	HPP	35	N, A	General Purpose Closures
LYB	SR549M	RCP	11	C	Clear Closures
LYB	7523	ICP	4	O	General Purpose Closures
LYB	SG702	ICP	18		General Purpose Closures
LYB	SG802N	ICP	35	N	Large, Thin Wall Parts & Housewares
FHR	P5G2N-093	RCP	2	N, O	Compression Molding
FHR	P4G2T-077D	HPP	4.2	A, O	Compression Molding
FHR	P4G3Z-039	HPP	5	N, LTHA, O	Caps & Closures
FHR	AP5106-HA	ICP	5	N, S, O	Compression Molding Closures
FHR	AP5206-HN	ICP	5	N, S, A, O	Compression Molding Closures
FHR	P4G4B-036	HPP	12	N, A	Caps & Closures
FHR	P4G4Z011	HPP	12	O	General Purpose Closures
FHR	P4M4K-125A	HPP	12	N, A	Caps & Closures
FHR	P5M4K-046	RCP	10	A, C, O	Clear Closures
FHR	P4G4T-017A	HPP	12	A, S, O	Caps & Closures
FHR	P4C5B-030	HPP	20	N, A	Caps & Closures
FHR	P4C5B-075	HPP	20	N, A	Closures
FHR	P4C5B-076	HPP	20	N, A	Closures
FHR	P4C5K-123A	HPP	20	A, C	Closures
FHR	P5M6N-058	RCP	35	N, A	Living Hinges Closures
FHR	P5M6K-048	RCP	35	A, C	Clear Closures
FHR	P4C6B-134A	HPP	35	N, A	General Purpose Closures
FHR	AP4135-HS	ICP	35	LTHA, O	Large, Thin Wall Parts & Housewares
FHR	P4C6B-194	HPP	35	N, A	General Purpose Closures
BRASKEM	FPT350WV3	HPP	35	N, A	General Purpose Closures
BRASKEM	5E16S	HPP	40		Large, Thin Wall Parts & Housewares
BRASKEM	FT120WB2	HPP	12	A	Caps & Closures
BRASKEM	FT120WV	HPP	12	N, A, O	Caps & Closures
BRASKEM	FT200WV	HPP	20	N, A	Caps & Closures
BRASKEM	TI4150WR	ICP	15	S	Caps & Closures
BRASKEM	C705-44NA	ICP	44	N, A	Large, Thin Wall Parts & Housewares
BRASKEM	R702-50RNA	RCP	50	N, A, C	Large, Thin Wall Parts & Housewares
BRASKEM	RP350	RCP	12	C, O	Clear Closures

C Clarified

S Slip

A Antistat

LTHA Long-Term Heat Stabilizer

O Organoleptic / Low Odor And Taste

Product and Technical Specifications

Polyethylene

SUPPLIER	PRODUCT	TYPE	MELT FLOW	DENSITY	FEATURES	APPLICATION
LYB	M5370	HDPE	6.9	0.953	Low Odor & Good Processing	General Purpose Closures
LYB	M6080	HDPE	7.9	0.96	Enhanced Flow, Balance Of Stiffness & Impact	General Purpose Closures
LYB	H5112	HDPE	12	0.951	Balanced Impact & ESCR	General Purpose Closures
LYB	H5618	HDPE	18	0.956	Low Odor & Good Processing	General Purpose Closures
LYB	H5220	HDPE	20	0.952	Low Odor & Good Processing	General Purpose Closures
LYB	H5520	HDPE	20	0.952	Low Odor & Good Processing	General Purpose Closures
LYB	H6030	HDPE	30	0.965	Excellent Stiffness & Short Molding Cycles.	General Purpose Closures
LYB	H5234	HDPE	34	0.952	Good Cold Temperature Impact	Frozen Food, Ice Cream & Deli Containers.
LYB	NA204000	LDPE	7	0.918	Good Adhesion, Heat Seal	Packaging & Coating
LYB	NA214000	LDPE	10	.918.	Designed For Extrusion Coating	Bags, Coating Applications
LYB	NA860008	LDPE	24	0.921	Medium Flow Low Density Polyethylene	Caps & Closures
LYB	NA870252	LDPE	38	0.921	Excellent Balance Of Toughness & Softness	Caps & Closures
EXXON	HD 6706.17	HDPE	6.7	0.952	Good Processability & Excellent Balance Of ESCR, Toughness & Stiffness.	Lids , Pails
EXXON	HD 6719.17	HDPE	19	0.952	Easy Processability, Good Toughness. High Gloss	Food Pails, Lids
EXXON	HD6908.19	HDPE	8.2	0.965	Good Balance Of Processability & Cold Temperature Impact Performance	Hot Fill Packaging Pails, Material Handling Articles
EXXON	LL6100.17	LLDPE	20	0.925	Easy Processability, Excellent Toughness & Tear Resistance	Lids & Closures



SUPPLIER	PRODUCT	TYPE	MELT FLOW	DENSITY	FEATURES	APPLICATION
EXXON	LL6201.19	LLDPE	50	0.926	Excellent Toughness & Tear Resistance In Freezer Applications	Closures & Dispensers, Freezer Lids.
EXXON	LL6202.19	LLDPE	12	0.926	Excellent Toughness & Tear Resistance In Freezer Applications	Closures & Dispensers, Freezer Lids.
EXXON	LL6407.67	LLDPE	6.8	0.9355	High ESCR Good Low Temperature Durability	Caps & Closures
NOVA	LF-0718-A	LDPE	7	0.917	High Gloss, Good Melt Strength	Tamper-Evident Caps & Closures
NOVA	LM-0724-A	LDPE	7	0.924	Good Processability	Tamper-Evident Caps & Closures
NOVA	LA-0219-A	LLDPE	2.3	0.92	Good Heat, Seal Good, Toughness	Blending, Foam, Packaging, Liners
NOVA	SCLAIR 72A	LLDPE	20	0.925	Low Odor & Good Processing	Lids, Caps, Closures Flexible Food Packaging.
NOVA	SCLAIR 2114	LLDPE	52	0.925	Low Odor, Good Processing, High ESCR	Caps, Closures & Food Packaging
NOVA	SCLAIR 2710CC	HDPE	17	0.951	Good Processing & ESCR	Water, Beverages, Sports Caps
NOVA	SCLAIR 2712CC	HDPE	32	0.951	Low Odor, Good Impact Resistance, High Gloss	Water, Beverages, Sports Caps
NOVA	SCLAIR 2714CC	HDPE	51	0.951	Good Processability, Good Stiffness, Good Toughness	Dispensing Beverage
NOVA	SURPASS IGS153-A	HDPE	1.5	0.955	Low Odor, Octene, Fast Molding Cycle	Caps & Closures
NOVA	SURPASS IGS758-A	HDPE	7	0.957	Octene Copolymer, Good Organoleptic Properties	Caps & Closures For Non-Carbonated Beverages
NOVA	SCLAIR 2907CC	HDPE	5	0.96	Good Impact Resistance, High Gloss	Dairy
NOVA	SCLAIR IG464-C	HDPE	10	0.964	Homopolymer	Bottled Water

Nexo Plastics' Diverse Portfolio

As a global leader in thermoplastic distribution, Nexo Plastics has a diverse portfolio from commodity to specialty products, working with the leading suppliers.



Alpha* Flexible PVC Compound
 Dural* Rigid PVC Compounds
 Superkleen* Rigid PVC Compounds
 Vynite* PVC+Nitrile Rubber Alloys
 Vythene* PVC+TPU Alloys



Alcryn* MPR* Melt-Processible Rubber



Desmopan* & Texin* Thermoplastic Polyurethane
 Texin* TPU+PC Alloys



Braskem Polypropylene



Nypel* Recycled Nylon
 6Dural* Petra* Recycled PET Polyester
 Ultradur* PBT Polyester & PBT+ASA Alloys
 Ultraform* Copolymer Acetal
 Ultramid* Nylon 6 & 66
 Ultramid* Balance – Nylon 610
 Ultramid* Endure – Highly Heat-Aging Resistant Nylon
 Ultrason* Polyethersulfone, Polysulfone, Polyphenylsulfone



Bormed* Polyethylene
 Bormed* Polypropylene



Butadiene Copolymer
 Ryton* Polyphenylene SulfidePetra*
 XTel* PPS Alloys



CESA* Additive Concentrates
 HYDROCEROL* Foaming & Nucleating Agents
 MEVOPUR* Medical Color Concentrates
 OMNICOLOR* Universal Color Concentrates
 REMAFIN* Olefin-based Color Concentrates
 RENOL* Color Concentrates



The miracles of science™

Biomax, Bynel & Conpol Polymer Modifiers
 DuPont* 20 Series LDPE
 Elvaloy & Elvaloy* AC Polymer Modifiers
 Elvax* EVA
 Fusabond* Polymer Modifiers
 Nucrel Polymer Modifiers
 Surlyn* Ionomer



DuraStar* Copolyester
 Eastar* Copolyester
 Provista* Copolyester
 Tenite* Cellulosics (Acetate, Butyrate & Propionate)
 Tritan* Copolyester



ACRYLITE* Acrylic Polymers
 ACRYLITE* Resist Impact Acrylic Polymers
 CYREX* PMMA + PC Alloys
 CYROVU* HP2 Multipolymer Compound
 XT* Polymer Acrylic-Based Multipolymer Compounds
 Trogamid* and Vestamid* Nylon 12



ExxonMobil HDPE & LLDPE for Injection Molding
 PAXON* Cross-Linkable Polyethylene for Rotational Molding
 PAXON* HDPE for Blow Molding
 EXXELOR* Polymer Modifiers
 Santoprene* brand TPVs
 Vistalon* EPDM Polymers
 Vistamaxx* Specialty Elastomers



Flint Hills Resources Polypropylene



K-Resin* Styrene



Durethan* Nylon 6 & 66
 Pocan* PBT Polyester, PBT+ASA, PBT+PC & PBT+PET Alloys



Alathon* HDPE
 Aquathene* XLPE
 Adflex* Flexible
 Olefinic Polymers
 Adsyl* Olefinic Polymers for
 Hot-Sealing Applications
 Dexflex*, Hifax* and Sequel*
 Elastomeric, Exterior
 Automotive & Flame-
 Retardant Polyolefins
 Hostacom* Aesthetic
 Polymers,
 Reinforced Polymers &
 Automotive
 Interior Grades
 Microthene* EVA, HDPE,
 LDPE & LMDPE
 Petrothene* HDPE, LDPE,
 LLDPE, LMDPE & XLPE
 Pro-fax* & Pro-fax*
 Ultra* Polypropylene
 Softell* Soft-Touch
 Thermoplastic Olefins
 Ultrathene* EVA



Dow Corning* Siloxane
 Masterbatches



Ingeo* Polylactic Acid



LF-0718-A
 LM-0724-A
 PI-2024-A
 SCLAIR 72A
 SCLAIR 2114
 SCLAIR 8107
 SCLAIR 2710
 SCLAIR 2712
 SCLAIR 2714
 SURPASS IGs153-A
 SCLAIR IG454-A
 SCLAIR 2907CC
 SCLAIR IG464-C
 Surpass IGs758-A02



HIVAL® ABS, PE, PP & PS
 Nexeo Solutions™
 Rotolining Powder



OCTAL Packaging-Grade
 PET Polyester



Optix* Acrylic Polymers



AVANTRA* & ZYNTAR*
 Flame-Retardant
 Polystyrene
 PMC Group Flame Retardant
 Compounds (ABS & PP)



RheTech Polypropylene
 Compounds
 RheTech Thermoplastic
 Olefins



Rhelon* Nylon 6 & 66



Amodel* Polyphthalamide (PPA)



Styrolution Polystyrene
 NAS* Styrene Methyl
 Methacrylate
 ZYLAR* Styrene-
 Butadiene Methyl
 Methacrylate



RESINS
 AVP* recycled
 content products
 Cyclocac* Resins (ABS)
 Cycloy* Resins (PC+ABS)
 ESPREE* (ABS & Nylon)
 Extem* Resins (PI)
 Geloy* Resins (ASA)
 Geloy* Resins (ASA+PC)
 Lexan* Resins (PC)
 Noryl* Resins (PPE+PS)
 Noryl* GTX Resins (PPE+PA)
 Noryl* PPX Resins (PPE+PP)
 Ultem* Resins (PEI)
 Valox* Resins (PBT)
 Xenoy* Resins (PC+PBT)
 Xylex* Resins (PC+Polyester)

COMPOUNDS
 LNP* Colorcomp*
 Compounds
 LNP* Faradex* Compounds
 LNP* Konduit* Compounds
 LNP* Lubricomp* Compounds
 LNP* Lubriloy* Compounds
 LNP* Starflam* Compounds
 LNP* Stat-Kon* Compounds
 LNP* Stat-Loy* Compounds
 LNP* Thermocomp*
 Compounds
 LNP* Verton* Compounds
 SABIC* PP Compounds
 SABIC* STAMAX* Compounds



Chemlon* Nylon 6 & 66
 Medalist* Medical Elastomers



XAREC* Syndiotactic
 Polystyrene



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