

THERMOPLASTIC DISTRIBUTION
CAPS & CLOSURES



MORE THAN DISTRIBUTION

Connecting You to the Best Caps and Closures Packaging Solutions

Nexeo Solutions 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. Our products meet your highest performance requirements in sealing, aesthetics, processability, dimensional stability, stress-crack resistance and sustainability.

We also provide engineering thermoplastics materials to meet specialized molding requirements.



sasol
reaching new frontiers



OUTSTANDING PRODUCTS

To Support a Wide Range of Applications

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 products.



* Exxon products are only available in Spain,
United Kingdom, Portugal, Ireland and Russia.

EXTENSIVE DISTRIBUTION

Throughout North America, Europe & Asia.

We help you connect globally and provide value added services, no matter the location.



Our supply chain management expertise offers:

Packaging flexibility: bags, boxes, octabins, bulk trucks

Dedicated stocking program for specific customer needs

Flexible/frequent delivery service

Centralized network, with a dedicated fleet to ensure on-time delivery

WE HAVE EXPERTS TO GIVE YOU THE EDGE

Nexeo Solutions offers coverage through an extensive network including a 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

Provide the right material selection and additives

The Nexeo Solutions 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

Troubleshooting of existing molds



PRODUCT & TECHNICAL SPECIFICATIONS

Polypropylene

SUPPLIER	PRODUCT	TYPE	MELT FLOW	TENSILE MODULUS	CHARPY 23°C
Borealis	HB306MO	HPP	2	1900	5
Borealis	HE125MO	HPP	12	1550	3
Borealis	HF955MO	HPP	20	2200	2.5
Borealis	HG385MO	HPP	25	1750	3
Borealis	HG313MO	HPP	30	1500	2.5
Borealis	RE420MO	RCP	13	1100	6
Borealis	RF365MO	RCP	20	1150	5.5
Borealis	RF366MO	RCP	20	1200	5.5
Borealis	BorPure RG466MO	RCP	30	1100	5.5
Borealis	BorPure RJ377MO	RCP	45	1100	4.5
Borealis	BD950MO	ICP	7	1500	8
Borealis	BF970MO	ICP	20	1500	8
Borealis	BH980MO	ICP	45	1750	4

AS ANTISTATIC
CL CLARIFIER
MR MOULD RELEASE
SA SLIP AGENT
NU NUCLEATED

ADDITIVE	FEATURES	APPLICATION
AS, SA	Low MFR for compression moulded closures, low opening torque. Excellent dimensional consistency of coloured closures and fast cooling time thanks to BNT technology.	Beverage caps and closures for CSD, bottled water, teas and juices.
	High rigid non nucleated homopolymer for hinge and wide-mouth closure applications.	Hinge and wide-mouth closures
	Fast cycle, very high stiffness, good heat stability. Excellent dimensional consistency of coloured closures and fast cooling time thanks to BNT technology.	Caps and closures requiring temperature resistance solutions
AS, SA	Very good stiffness/impact balance. Excellent dimensional consistency of coloured closures and fast cycle without warpage thanks to BNT technology.	Caps and closures
AS, NU, SA	Easy flowing, low warpage, fast cycle.	Caps and closures
AS, NU	No stress whitening, suitable for closures with integrated hinges.	Hinge closures
AS, NU	Very good transparency, high flow, good anti-static properties.	Hinge closures
AS, NU	Very high transparency.	Highly transparent closures
AS	Good organoleptic properties and fast cycle thanks to BNT technology, with good stiffness/impact balance.	C&C for cosmetic and domestic use
AS	Good organoleptic properties and fast cycle thanks to BNT technology, with good stiffness/impact balance.	Thin walled C&C applications (e.g Dust Covers)
AS, SA	Low stress whitening, excellent dimensional consistency of coloured closures and fast cycle thanks to BNT technology.	Beverage caps and closures for CSD, bottled water, teas and juices.
AS	Good impact/stiffness balance, excellent dimensional consistency of coloured closures and fast cycle thanks to BNT technology.	Impact sensitive C&C applications with excellent impact/rigidity balance
NU, SA	Easy flowing block copolymer allowing fast cycle time with low stress whitening, high gloss and low friction.	Impact sensitive C&C applications with high gloss

PRODUCT & TECHNICAL SPECIFICATIONS

Polypropylene

SUPPLIER	PRODUCT	TYPE	MELT FLOW	TENSILE MODULUS	CHARPY 23°C
Sasol	HKR102	HPP	3.5	1600	3.5
Sasol	HMRO40	HPP	8.5	2000	3
Sasol	HMR127	HPP	8.5	1550	3
Sasol	HNR100	HPP	12	1550	2.8
Sasol	HRV140	HPP	21	1600	3
Sasol	HTV145	HPP	50	1650	2.5
Sasol	CMR348	ICP	8.5	1450	10
Sasol	CPV340	ICP	16	1400	6
Sasol	CRV648	ICP	24	1000	12
Sasol	ESV265	RCP	35	1200	5

ADDITIVE	FEATURES	APPLICATION
	Hinged (high strength), tamper evident, stripper ring	Compression moulded caps and closures for beverages
NU	High rigidity	High stiffness closures
SA	Wide mouth, low torque/ screw-on & off	Caps and Closures when slip is required
	Hinged, wide mouth screw-on, tamper evident	General caps and Closures
NU	Standard nucleated	General caps and Closures
NU, MR	Hinged, Tamper evident, Dust caps, High flow (processing)	Caps and dust covers
NU, AS	Cylindrical containers	Caps and closures for cosmetics
NU	Wide mouth with some flexibility, hinged/ flip-top	Caps and closures for cosmetics
NU, AS	Snap fit/ more flexibility	Lids and flexible closures
CL, MR	High transparency	Caps and closures for cosmetics or food

PRODUCT & TECHNICAL SPECIFICATIONS

Polyethylene

SUPPLIER	PRODUCT	TYPE	MELT FLOW	DENSITY	TENSILE MODULUS	ADDITIVES
Borealis	BorPure MB5568	HDPE	0.8	956	1000	
Borealis	BorPure MB6561	HDPE	1.5	955	900	
Borealis	BorPure MB6562	HDPE	1.5	955	900	SA
Borealis	BorPure MB7541	HDPE	4	954	850	

CHARPY 23°C	FEATURES	APPLICATION
19	Organoleptic multimodal grade with exceptional ESCR and is suitable for light-weighting of beverage closures.	Lightweight beverage caps and closures for CSD, bottled water, teas and juices.
12	Organoleptic multimodal grade with very good ESCR targeting sparkling and flat water and CSD.	Beverage caps and closures for CSD, bottled water, teas and juices.
12	Organoleptic multimodal grade with very good ESCR targeting sparkling and flat water and CSD.	Beverage caps and closures for CSD, bottled water, teas and juices.
12	Organoleptic multimodal grade with very good ESCR targeting flat water.	Beverage caps and closures for bottled water, teas and juices.

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