Technical Data Sheet

Moplen RP344NX B

Polypropylene, Random Copolymer

Product Description

Moplen RP344NX is a nucleated polypropylene random copolymer with good processability, excellent clarity in low processing temperature, high productivity, reduced voids formation and good mechanical property balance. Typical customer applications are transparent containers for food and non food, houseware, bottles (IBM/ISBM), caps and lids.

Regulatory Status

For regulatory compliance information, see *Moplen* RP344NX Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	China
Application	Bottles For Consumer Goods; Caps & Closures; Clear Containers; Containers; Housewares
Market	Consumer Products; Rigid Packaging
Processing Method	Injection Blow Molding; Injection Molding; Injection Stretch Blow Molding
Attribute	Good Impact Resistance; Good Processability; Good Stiffness; High Clarity; Random Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ASTM D1238
Mechanical			
Tensile Modulus	1250	MPa	ASTM D790
Tensile Stress at Yield, (23 °C)	30	MPa	ASTM D638
Tensile Strain at Yield, (23 °C)	13	%	ASTM D638
Impact			
Izod Impact strength - notched at 23°C	50	J/m	ASTM D256

Notes

These are typical property values not to be construed as specification limits.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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