Technical Data Sheet

Moplen RP348NK

Polypropylene, Random Copolymer

Product Description

Moplen RP348NK is a nucleated polypropylene random copolymer with good processability and excellent clarity in low processing temperature with balanced mechanical properties. Typical customer applications are injection molding of transparent containers and boxes, housewae, food container, bottles (IBM / ISBM) , caps and lids.

Regulatory Status

For regulatory compliance information, see *Moplen* RP348NK Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
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)	11	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1070	MPa	ASTM D790
Tensile Strength at Yield	29	MPa	ASTM D638
Tensile Elongation at Yield	13	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	70	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	93		ASTM D785
Thermal			
Deflection Temperature Under Load	86	°C	ASTM D648

Manufacturer website: https://www.polymirae.com/

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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