

Moplen APD369

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

LyondellBasell Australia's Polypropylene Grade APD369 is a medium flow mini-random copolymer with a modified molecular weight distribution. APD369 has been specially formulated to impart excellent clarity and colour, with good flow properties. End use products typically made from APD369 include housewares.

General Information	
Features	Food Contact Acceptable
	Good Colorability
	High Clarity
	Medium Flow
	Random Copolymer
Uses	Household Goods
Agency Ratings	AS 2070-1999
	FDA 21 CFR 177.1520(a) 3 (i)
	FDA 21 CFR 177.1520(c) 3.1a

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183/D
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	73		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	29.0	MPa	ISO 527-2
Flexural Modulus	1200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	4.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	70.0	°C	ISO 75-2/B
Vicat Softening Temperature	130	°C	ISO 306/A

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