



Moplen APD369

Polypropylene, Random Copolymer

Product Description

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.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Asia-Pacific, Australia/NZ
Features	High Clarity, Random Copolymer, Medium Flow
Typical Customer Applications	Housewares

Typical Properties	Method	Value Unit
Physical		
Density (Method D)	ISO 1183	0.90 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	25 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	29.0 MPa
Flexural modulus	ISO 178	1200 MPa
Impact		
Notched izod impact strength (23 °C, Type 1, Notch A)	ISO 180	4.0 kJ/m ²
Hardness		
Shore hardness (Shore D)	ISO 868	73
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	70 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	
Vicat softening temperature (Method A)	ISO 306	130 °C

Additional Properties

Suitable for the production of articles for food contact use. As supplied in natural form, meets the requirements of Australian Standard 2070 - 1999, "Plastics Materials for Food Contact Use". The base polymer complies with the United States of America Food and Drug Administration (FDA) Code of Federal Regulations 21 CFR177.1520 (a)(3)(i) and (c)3.1a - for use in articles that contact food except for articles used for packaging and holding food during cooking (note: clarification from the FDA indicates that microwave warming is not considered to be cooking). All other components used in the formulation meet the relevant FDA requirements for use in food contact applications.

Notes

Typical properties; not to be construed as specifications.

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- ┆ Equistar Chemicals, LP
- ┆ Basell Sales & Marketing Company B.V.
- ┆ Basell Asia Pacific Limited
- ┆ Basell International Trading FZE
- ┆ LyondellBasell Australia Pty Ltd

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- (ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: U.S. FDA Class II medical devices; Health Canada Class II or III medical devices; European Union Class II medical devices; or any equivalent U.S. FDA, Health Canada, or European Union regulations pertaining to medical devices; packaging in direct contact with a pharmaceutical active ingredient and/or dosage form; and tobacco-related products and applications.

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applications; and lead, asbestos or MTBE related applications. All references to the U.S. FDA, Health Canada and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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