

Developmental DR7032.06

Developmental Random Copolymer Resin

Description:

DR7032.06 Developmental Polypropylene Resin is a random copolymer developed for thin wall injection moulding applications. DR7032.06 Developmental Resin is characterized by good balance of stiffness and impact properties, optical properties and excellent processability.

Applications:

- Thin wall injection moulding
- Housewares
- Media packaging
- Lids and Caps

Process:

Injection Moulding

Regulatory Information:

DR7032.06 Developmental Polypropylene Resin should comply with:

- European Commission Regulation (EU) 10/2011
- U.S. FDA 21 CFR 177.1520(c)3.1^a .

The appropriate regulations should be consulted for more detailed information.

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.900 g/cm ³	0.900 g/cm ³	ISO 1183
Melt Mass-Flow Rate (230°C/2.16kg)	100 g/10 min	100 g/10 min	ISO 1133

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Flexural Modulus	152250 psi	1050 MPa	ISO 178
Charpy Notched Impact Strength 23°C	2.1 ft·lb/in ²	4.5 kJ/m ²	ISO 179/1eA

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
HDT B (0,45MPa)	167 F	75°C	ISO 75 B

Optical	Nominal Value (English)	Nominal Value (SI)	Test Method
Haze (1mm injection moulded plaques)	10%	10%	ASTM D1003

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.



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Additional Information:

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