

Daelim Po1y® PP-333J

Polypropylene Random Copolymer

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®PP-333J is a polypropylene random copolymer (PP random copolymer) product. It can be processed by injection molding and is available in the Asia-Pacific region. Daelim Po1y®PP-333J application areas include home applications and containers.

Features include:

high gloss

Copolymer

Good processability

accessible food

Rapid Prototyping Cycle

General Information			
Features	Highlight		
	Workability, good		
	Fast molding cycle		
	Definition, high		
	Compliance of Food Exposure		
	Random copolymer		
	Excellent appearance		
Uses	Household goods		
	Food container		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	24	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.5	MPa	ASTM D638
Tensile Elongation (Yield)	20	%	ASTM D638
Flexural Modulus	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	29	J/m	ASTM D256
23°C	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	130	°C	ASTM D648
Vicat Softening Temperature	85.0	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Haze	16	%	ASTM D1003
Additional Information			

Accelerated Oven Aging in Air, ASTM D3012, Forced Circulation at 150°C: 360 hours

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