

Daelim Po1y® PP-247

Polypropylene Impact Copolymer

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®PP-247 is a polypropylene impact copolymer (PP Impact Copoly) product. It can be processed by injection molding and is available in the Asia-Pacific region. Daelim Po1y®PP-247 application areas include packaging and home applications.

Features include:

- Copolymer
- anti-warping
- accessible food
- Good stiffness
- Good toughness

General Information			
Features	Block Copolymer		
	Low warpage		
	Rigid, good		
	Low temperature impact resistance		
	Good toughness		
	Compliance of Food Exposure		
Uses	Packaging		
	Household goods		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	40	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Yield)	20	%	ASTM D638
Flexural Modulus	1420	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	29	J/m	ASTM D256
23°C	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	115	°C	ASTM D648

Vicat Softening Temperature	152	°C	ASTM D1525
Additional Information			

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

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