

Daelim Po1y® PP-246

Polypropylene Impact Copolymer

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®PP-246 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-246 application areas include electrical/electronic applications, furniture, home applications and containers. Features include:

- Copolymer
- anti-warping
- Good stiffness
- Good toughness
- Impact resistance

General Information			
Features	Block Copolymer		
	Low warpage		
	Rigid, good		
	Low temperature impact resistance		
	Good toughness		
	Narrow molecular weight distribution		
Uses	Electrical/Electronic Applications		
	Furniture		
	Household goods		
	Container		
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)	21	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.4	MPa	ASTM D638
Tensile Elongation (Yield)	20	%	ASTM D638
Flexural Modulus	1370	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	39	J/m	ASTM D256
23°C	78	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525
Additional Information			

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

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