

Daelim Po1y® PP-230

Polypropylene Impact Copolymer

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®PP-230 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-230 application areas include electrical/electronic applications, 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		
	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)	2.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	84		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Yield)	20	%	ASTM D638
Flexural Modulus	1080	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	78	J/m	ASTM D256
23°C	590	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°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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