

Daelim Po1y® PH-480

Polypropylene Homopolymer
DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®PH-480 is a polypropylene homopolymer (PP Homopoly) product. It can be processed by injection molding and is available in the Asia-Pacific region. Daelim Po1y®PH-480 application areas include home applications and containers.

Features include:

- high gloss
- Good processability
- Homopolymer
- accessible food
- Good stiffness

General Information			
Features	Rigid, good		
	Highlight		
	Homopolymer		
	Workability, good		
	Compliance of Food Exposure		
	Excellent appearance		
Uses	Household goods		
	Food 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)	25	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)	34.3	MPa	ASTM D638
Tensile Elongation (Yield)	20	%	ASTM D638
Flexural Modulus	1520	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	17	J/m	ASTM D256
23°C	29	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	157	°C	ASTM D1525
Additional Information			


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

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