

Daelim Po1y® PH-470

Polypropylene Homopolymer
DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®PH-470 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-470 application areas include home applications and containers.

Features include:

- Good processability
- Homopolymer
- accessible food
- Good stiffness
- beautiful

General Information			
Features	Rigid, good		
	Homopolymer		
	Workability, good		
	Compliance of Food Exposure		
	Excellent appearance		
Uses	Household goods		
	Food container		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	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)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.3	MPa	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Flexural Modulus	1670	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	29	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	155	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method

Haze (2000 μm)	25	%	ASTM D1003
Additional Information			

The value listed as Haze, ASTM D1003 was tested in accordance with the HCC Method.

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

