

Daelim Po1y® PP-331TW

Polypropylene Random Copolymer

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®PP-331TW is a polypropylene random copolymer (PP random copolymer) product. It can be processed by injection molding and is available in the Asia-Pacific region. Daelim Po1y®PP-331TW application areas include home applications and containers.

Features include:

high gloss

Copolymer

accessible food

Rapid Prototyping Cycle

beautiful

General Information			
Features	Highlight		
	Fast molding cycle		
	Good liquidity		
	Definition, high		
	Compliance of Food Exposure		
	Random copolymer		
	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)	10	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.5	MPa	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	290	J/m	ASTM D256
23°C	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	96.0	°C	ASTM D648

Vicat Softening Temperature	130	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Haze	16	%	ASTM D1003
Additional Information			

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

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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

