

Daelim Po1y® PP-141

Polypropylene
DAELIM INDUSTRIAL CO., LTD.

Message:

Product Description:
DAELIM POLY PP-141 is the polypropylene homopolymer manufactured by DAELIM under the license of MONTELL using the Spheripol process.
DAELIM POLY PP-141 is a homopolymer with high clarity and flowability particularly suitable for injection molding of syringes, food containers and high transparency household articles.

General Information			
Features	Rigid, good		
	Highlight		
	Workability, good		
	Definition, high		
Uses	Household goods		
	Container		
Agency Ratings	FDA Food Exposure, Not Rated		
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)	39.2	MPa	ASTM D638
Tensile Elongation (Yield)	20	%	ASTM D638
Flexural Modulus	1670	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	20	J/m	ASTM D256
23°C	39	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, ASTM D-3012, in air (forced circulation), 150°C: 360 hr			

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