

Daelim Po1y® PP-137V

Polypropylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Product Description:
DAELIM POLY PP-137V is the polypropylene homopolymer manufactured by DAELIM under the license of MONTELL using the Spheripol process. DAELIM POLY PP-137V is a homopolymer with improved productivity and lower energy consumption and particularly suitable for injection molding of houseware articles, containers and general purpose.
PA-137V is an ADDIFORM homopolymer, ADDIFORM is the new controlled morphology polypropylene and is not pellitized. Compared to ordinary pellitized polypropylene, ADDIFORM gives considerable advantages in productivity, processing and energy consumption.

General Information			
Features	Fast molding cycle		
Uses	Household goods		
	Container		
	General		
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)	13	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	104		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	39.2	MPa	ASTM D638
Tensile Elongation (Yield)	20	%	ASTM D638
Flexural Modulus	1570	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)	107	°C	ASTM D648
Vicat Softening Temperature	155	°C	ASTM D1525
Additional Information			
Accelerated oven aging, ASTM D-3012, in air (forced circulation), 150°C: 360 hr			

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