

Daelim Po1y® PP-101

Polypropylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Product Description:
DAELIM POLY PP-101 is the polypropylene homopolymer manufactured by DAELIM under the license of MONTELL using the Spheripol process.
DAELIM POLY PP-101 is a homopolymer particularly suitable for IPP(TUBULAR) film for packaging, foodstuffs, sanitary items.

General Information			
Additive	High caking resistance		
Features	Rigid, good		
	Highlight		
	High caking resistance		
Uses	Films		
Agency Ratings	FDA Food Exposure, Not Rated		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	101		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.3	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1520	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	39	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	102	°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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