

FORMULA P ELAN 3003

Polypropylene

Putsch Kunststoffe GmbH

Message:

Polypropylene Elastomer. High impact resistance at low temperatures.

General Information			
Features	Impact resistance, high		
	Low temperature impact resistance		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	18.0	MPa	ISO 527-2
Fracture	17.0	MPa	ISO 527-2
Tensile Strain (Break)	> 400	%	ISO 527-2
Flexural Modulus	1000	MPa	ISO 178
Flexural Stress (3.5% Strain)	37.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	7.0	kJ/m ²	ISO 180
23°C	35	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	58.0	°C	ISO 306/B
Additional Information			
Tensile Strength, ISO 527: 18 MPa			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	220 - 240	°C	
Mold Temperature	30.0 - 60.0	°C	

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