

Petrotene® PP B3 TZ PRTA011 PH347 MSP

Polypropylene Copolymer

Petropol Industry and Trade of Polymers LTDA

Message:

Polypropylene copolymer high impact resistance, good aging resistance, good set of mechanical properties and excellent resistance to oils and greases.

General Information			
Features	Copolymer		
	Good Heat Aging Resistance		
	Grease Resistant		
	High Impact Resistance		
	Oil Resistant		
Physical	Nominal Value	Unit	Test Method
Density	0.870 to 0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0 to 12	g/10 min	ISO 1133
Molding Shrinkage - Flow	1.2 to 1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strain (Break, 23°C)	300	%	ISO 527-2/50
Flexural Modulus ¹ (23°C)	600	MPa	ISO 178
Flexural Stress	16.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	15	kJ/m ²	ISO 180
Injection	Nominal Value	Unit	Test Method
Processing (Melt) Temp	190 to 210	°C	
Mold Temperature	60.0 to 80.0	°C	
NOTE			
1.	2.0 mm/min		

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