

Piolen® P XT11EMH102

Polypropylene Copolymer

PiO Kunststoffe GmbH & Co KG

Message:

Piolen® P XT11EMH102 is a Polypropylene Copolymer (PP Copolymer) product filled with 11% talc. It can be processed by extrusion blow molding and is available in Europe. Applications of Piolen® P XT11EMH102 include automotive and high temperature applications.

Characteristics include:

Flame Rated

Copolymer

Good Aesthetics

Impact Resistant

General Information			
Filler / Reinforcement	Talc, 11% Filler by Weight		
Features	Copolymer		
	Good Surface Finish		
	High Impact Resistance		
Uses	Automotive Applications		
	High Temperature Applications		
Appearance	Black		
Forms	Pellets		
Processing Method	Extrusion Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.971	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	11.4	MPa	
Break	19.8	MPa	
Tensile Strain (Break)	980	%	ISO 527-2
Flexural Modulus	760	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	12	kJ/m ²	
23°C	62	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-40°C	No Break		
23°C	No Break		
Flammability	Nominal Value		Test Method

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