

Piolen® P T20ZH42

Polypropylene Copolymer

PiO Kunststoffe GmbH & Co KG

Message:

Piolen® P T20ZH42 is a Polypropylene Copolymer (PP Copolymer) product filled with 20% talc. It can be processed by extrusion or pipe extrusion and is available in Europe. Applications of Piolen® P T20ZH42 include automotive, coating applications and plumbing/piping/potable water.

Characteristics include:

Flame Rated

Antistatic

Copolymer

Impact Resistant

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Additive	Antistatic		
Features	Antistatic		
	Copolymer		
	High Impact Resistance		
Uses	Automotive Applications		
	Piping		
	Protective Coverings		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
	Pipe Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.04	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	25.0	MPa	
Break	6.20	MPa	
Tensile Strain (Break)	140	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	3.0	kJ/m ²	
23°C	34	kJ/m ²	

Charpy Unnotched Impact Strength			ISO 179/1eU
-40°C	38	kJ/m²	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	164	°C	ISO 306/A
--	91.0	°C	ISO 306/B
Peak Crystallization Temperature (DSC)	162 to 167	°C	ISO 3146
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

