

Piolen® P T20A19

Polypropylene Homopolymer
PiO Kunststoffe GmbH & Co KG

Message:

Piolen® P T20A19 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 20% talc. It can be processed by injection molding and is available in Europe. Applications of Piolen® P T20A19 include automotive, cleaning applications and coating applications.
Characteristics include:
Flame Rated
Homopolymer

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Features	Good Colorability		
	Good Flow		
	Homopolymer		
Uses	Automotive Applications		
	Protective Coverings		
	Sanitary Products		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	19	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	32.0	MPa	
Break	30.3	MPa	
Tensile Strain (Break)	6.3	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	156	°C	ISO 306/A
--	96.0	°C	ISO 306/B
Peak Crystallization Temperature (DSC)	164 to 167	°C	ISO 3146
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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