

PERCOM® PCT20USR

Polypropylene Copolymer

A. Schulman Europe

Message:

PERCOM® PCT20USR is a Polypropylene Copolymer (PP Copolymer) material filled with 20% talc. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Important attributes of PERCOM® PCT20USR are:

- Flame Rated
- RoHS Compliant
- Copolymer
- Good UV Resistance
- Scratch Resistant

Typical application of PERCOM® PCT20USR: Automotive

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Features	Copolymer		
	Good UV Resistance		
	Scratch Resistant		
Uses	Automotive Interior Parts		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Molding Shrinkage	1.0 to 1.5	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	60		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	25.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Modulus	2350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	117	°C	ISO 75-2/B
1.8 MPa, Unannealed	68.0	°C	ISO 75-2/A
Vicat Softening Temperature	150	°C	ISO 306/A50
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	

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