

PERCOM® KCT20

Polypropylene Copolymer

A. Schulman Europe

Message:

PERCOM® KCT20 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® KCT20 are:

Flame Rated

RoHS Compliant

Copolymer

Typical application of PERCOM® KCT20: Automotive

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Features	Copolymer		
Uses	Automotive Applications		
	Automotive Under the Hood		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	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)	30.0	MPa	ISO 527-2
Flexural Modulus	2300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	6.0	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	115	°C	ISO 75-2/B
1.8 MPa, Unannealed	84.0	°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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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

