

Fiberfil® PP-61/TC/20

Polypropylene Copolymer

Fiberfil® Engineered Plastics Inc.

Message:

Fiberfil® PP-61/TC/20 is a Polypropylene Copolymer (PP Copolymer) material filled with 20% talc. It is available in North America.

Important attributes of Fiberfil® PP-61/TC/20 are:

RoHS Compliant

Copolymer

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Features	Copolymer		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15 to 20	g/10 min	ASTM D1238
Molding Shrinkage - Flow			ASTM D955
3.18 mm	1.0	%	
6.35 mm	1.2	%	
Water Absorption (24 hr)	0.020	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80 to 90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1900	MPa	ASTM D638
Tensile Strength (23°C)	23.4	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	25	%	ASTM D638
Flexural Modulus - Tangent (23°C)	1700	MPa	ASTM D790
Flexural Strength (23°C)	33.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	96	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	73.9	°C	
1.8 MPa, Unannealed	65.6	°C	

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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

