

Fiberfil® PP-61/V2

Polypropylene Copolymer

Fiberfil® Engineered Plastics Inc.

Message:

Fiberfil®PP-61/V2 is a polypropylene copolymer (PP Copoly) material. This product is available in North America.

Fiberfil®The main features of PP-61/V2 are:

flame retardant/rated flame

Flame Retardant

Copolymer

General Information			
Features	Copolymer		
	Flame retardancy		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.938	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow			ASTM D955
3.18 mm	1.7 - 2.1	%	ASTM D955
6.35 mm	2.0 - 2.4	%	ASTM D955
Water Absorption (24 hr)	0.020	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85 - 90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1310	MPa	ASTM D638
Tensile Strength (23°C)	27.6	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	25	%	ASTM D638
Flexural Modulus - Tangent (23°C)	1170	MPa	ASTM D790
Flexural Strength (23°C)	31.7	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, not annealed	71.1	°C	ASTM D648
1.8 MPa, not annealed	62.8	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-2		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	76.7	°C	
Drying Time	2.0	hr	

Suggested Max Moisture	0.20	%
Rear Temperature	182 - 199	°C
Middle Temperature	193 - 210	°C
Front Temperature	188 - 204	°C
Nozzle Temperature	182 - 193	°C
Processing (Melt) Temp	193 - 216	°C
Mold Temperature	32.2 - 71.1	°C
Injection Rate	Slow-Moderate	
Back Pressure	0.00 - 0.689	MPa
Injection instructions		

Screw speed: Slow to Medium

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

