

Tecnoprene® FK6T1LE NERO900

Polypropylene Homopolymer

SO.F.TER. SPA

Message:

Low emission polypropylene homopolymer reinforced with 30% chemically coupled glass fiber, high thermal resistance

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Chemically Coupled		
	High Heat Resistance		
	Homopolymer		
	Low Emissions		
Uses	Automotive Applications		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	g/10 min	ASTM D1238
Molding Shrinkage	0.20	%	Internal Method
Water Absorption (Saturation, 23°C)	0.020	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	6200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	146	°C	ASTM D648
Vicat Softening Temperature	134	°C	ASTM D1525 ¹
Flammability	Nominal Value	Test Method	
Flame Rating (3.20 mm)	HB	UL 94	
NOTE			

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Recommended distributors for this material

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