

Norfor® 130 GF/30-V0 GRIGIO 7110

Polyphenylene Ether

SO.F.TER. SPA

Message:

Polyphenylene oxide resin, flame retardant grade, 30% glass fiber reinforced, excellent stiffness, good dimensional stability and thermal resistance

General Information			
Filler / Reinforcement	Glass Fiber, 30% Filler by Weight		
Features	Flame Retardant		
	Good Dimensional Stability		
	Good Stiffness		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Grey		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (280°C/5.0 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage	0.20	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	85.0	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	6000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	90	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	132	°C	ASTM D1525 ¹
Electrical	Nominal Value	Unit	Test Method
Needle Flame Test	Pass		IEC 60695-11-5
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
Glow Wire Ignition Temperature	960	°C	IEC 60695-2-13
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Rear Temperature	270	°C	
Middle Temperature	280	°C	
Front Temperature	280	°C	

Mold Temperature	100 to 120	°C
NOTE		
1.	Rate A (50°C/h), Loading 2 (50 N)	

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