

Nirion F10 V0

Polycarbonate
Soredi S.p.a.

Message:
Polycarbonate reinforced with 10% glass fibre, flame retardant as per UL 94 V0 at 1.6 mm rating.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Flame Retardant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus ¹	3200	MPa	ASTM D790
Flexural Strength ² (Break)	85.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	147	°C	ASTM D1525 ³
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
NOTE			
1.	1.3 mm/min		
2.	1.3 mm/min		
3.	Rate B (120°C/h), Loading 2 (50 N)		

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Recommended distributors for this material

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