

Norfor® 90 NATURALE

Polyphenylene Ether

SO.F.TER. SPA

Message:

General purpose polyphenylene oxide grade

General Information			
Features	General Purpose		
Uses	General Purpose		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (280°C/5.0 kg)	18	g/10 min	ASTM D1238
Molding Shrinkage	0.60	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	44.0	MPa	ASTM D638
Tensile Elongation (Break)	80	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	110	°C	ASTM D1525 ¹
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		
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			

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