

Norpex® PPE AX20MR FR

Polyphenylene Ether

Custom Resins Group

Message:

20% flame-retardant mineral reinforced PPE injection molding resin

Has the inherent dimensional stability of PPE resins, while the addition of mineral reinforcement increases the strength and stiffness of finished parts
Suitable for such uses as enclosures, housings, panels, and other applications where dimensional control and flame retardancy are desired

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Dimensional Stability		
	Good Stiffness		
	Good Strength		
Uses	Housings		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	74.1	MPa	ASTM D638
Flexural Modulus	3380	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	110	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-0		UL 94

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