

Technical Data Sheet

Percom XG1128 NATURAL



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Percom XG1128 NATURAL is a Polypropylene, Unspecified Mineral filled material and is typically used in Injection Molding applications. Features include: High Impact Resistance.

Processing Method	Injection Molding
Attribute	High Impact Resistance
Additive	Flame Retardant
Application	Electrical Parts; Housings
Filler/Reinforcement	Mineral

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133
Density	0.98	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	28	MPa	ISO 527-2
Tensile Strain at Break	100	%	ISO 527-2
Flexural Modulus	1600	MPa	ISO 178
Impact			
Notched Izod Impact Strength, (23 °C, Type 1, Notch A)	8.0	kJ/m ²	ISO 180
Thermal			
Vicat Softening Temperature, (A (10N), 50 °C/h)	155	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	112	°C	ISO 75-2/B
Flammable			
Burning Rate			
(2.00 mm)	<100	mm/min	ISO 3795
(2.00 mm)	<100	mm/min	FMVSS 302
Glow Wire Ignition Temperature, (2.0 mm)	960	°C	IEC 60695-2-13
UL Information			
Flame Rating, (1.6 mm)	V-2		UL 94

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	30 to 60	°C