

Technical Data Sheet

Percom FAH16 FR BLACK 2-0010



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Percom FAH16 FR BLACK 2-0010 is a Polypropylene, Unspecified material and is typically used in Injection Molding applications.

Processing Method Injection Molding

Additive Flame Retardant

Application Electrical Parts

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	6.0	g/10 min	ISO 1133
Density	0.92	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	30	MPa	ISO 527-2
Tensile Strain at Break	80	%	ISO 527-2
Flexural Modulus	1600	MPa	ISO 178
Impact			
Notched Izod Impact Strength, (23 °C, Type 1, Notch A)	3.5	kJ/m ²	ISO 180
Hardness			
Shore Hardness, (Shore D)	66		ISO 868
Thermal			
Vicat Softening Temperature, (A (10N), 50 °C/h)	150	°C	ISO 306
Flammable			
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