

Technical Data Sheet

Percom PP JCH16F/R RED 7-0418



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Percom PP JCH16F/R RED 7-0418 is a Polypropylene, Unspecified material and is typically used in Injection Molding applications.

Processing Method Injection Molding
Additive Flame Retardant
Application Appliance Components; Electrical Parts

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	9.0	g/10 min	ISO 1133
Density	0.93	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	30	MPa	ISO 527-2
Tensile Strain at Break	10	%	ISO 527-2
Flexural Modulus	1550	MPa	ISO 178
Impact			
Notched Izod Impact Strength, (23 °C, Type 1, Notch A)	4.0	kJ/m ²	ISO 180
Hardness			
Shore Hardness, (Shore D)	63		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