

Technical Data Sheet

**Percom PPHP HF FRV0 WHI1-0791**



Polypropylene, Unspecified (PP, Unspecified)

**Product Description**

Percom PPHP HF FRV0 WHI1-0791 is a Polypropylene, Unspecified material and is typically used in Injection Molding applications. Features include: Halogen Free.

<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Halogen Free
<b>Additive</b>	Flame Retardant
<b>Application</b>	Conduit

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133
Density	1.03	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Stress at Yield	28	MPa	ISO 527-2
Flexural Modulus	2000	MPa	ISO 178
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C, Type 1, Notch A)	5.0	kJ/m <sup>2</sup>	ISO 180
<b>Hardness</b>			
Shore Hardness, (Shore D)	63		ISO 868
<b>Thermal</b>			
Vicat Softening Temperature, (A (10N), 50 °C/h)	150	°C	ISO 306
<b>Flammable</b>			
Glow Wire Flammability Index, (2.0 mm)	960	°C	IEC 60695-2-12
<b>UL Information</b>			
Flame Rating, (1.6 mm)	V-0		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