

Nanjing Hongrui PP P840

Polypropylene

Nanjing Hongrui Engineering Plastics Co., Ltd.

Message:

Nanjing Hongrui PP P840 is a Polypropylene material filled with 20% mineral. It is available in Asia Pacific. Primary attribute of Nanjing Hongrui PP P840: Flame Rated.
Typical applications include:
Automotive
Electrical/Electronic Applications
Engineering/Industrial Parts

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
	Machine/Mechanical Parts		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	25.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	1500	MPa	ASTM D790
Flexural Strength	35.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	6.00	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648
Melting Temperature	170	°C	
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	ASTM D257
Dielectric Strength	19	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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