

# Nanjing Hongrui PP P830

Polypropylene

Nanjing Hongrui Engineering Plastics Co., Ltd.

Message:

Nanjing Hongrui PP P830 is a Polypropylene material filled with 15% mineral. It is available in Asia Pacific. Primary attribute of Nanjing Hongrui PP P830: Flame Rated.  
Typical applications include:  
Automotive  
Electrical/Electronic Applications  
Engineering/Industrial Parts

General Information			
Filler / Reinforcement	Mineral,15% Filler by Weight		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
	Machine/Mechanical Parts		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.00	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.6	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	20.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	1200	MPa	ASTM D790
Flexural Strength	30.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	5.00	kJ/m <sup>2</sup>	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°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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