

Nanjing Hongrui PA6 B1000

Polyamide 6

Nanjing Hongrui Engineering Plastics Co., Ltd.

Message:

Nanjing Hongrui PA6 B1000 is a Polyamide 6 (Nylon 6) material. It is available in Asia Pacific.

Important attributes of Nanjing Hongrui PA6 B1000 are:

Flame Rated

Flame Retardant

Typical application of Nanjing Hongrui PA6 B1000: Electrical/Electronic Applications

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Uses	Electrical/Electronic Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm³	ASTM D792
Molding Shrinkage - Flow	1.2	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	50.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength	60.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	8.00	kJ/m²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	160	°C	ASTM D648
Melting Temperature	220	°C	
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	ASTM D257
Dielectric Strength	17	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94

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Recommended distributors for this material

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