

# Nanjing Hongrui PA6 B401

Polyamide 6

Nanjing Hongrui Engineering Plastics Co., Ltd.

Message:

Nanjing Hongrui PA6 B401 is a Polyamide 6 (Nylon 6) material. It is available in Asia Pacific.

Important attributes of Nanjing Hongrui PA6 B401 are:

Flame Rated

Good Toughness

Impact Resistant

Typical applications include:

Plumbing/Piping/Potable Water

Sporting Goods

General Information	
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Features	Good Toughness
	High Impact Resistance
Uses	Piping
	Sporting Goods

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	60.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength	70.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	12.0	kJ/m <sup>2</sup>	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	20	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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