

Nanjing Hongrui PA6 B201

Polyamide 6

Nanjing Hongrui Engineering Plastics Co., Ltd.

Message:

Nanjing Hongrui PA6 B201 is a Polyamide 6 (Nylon 6) material. It is available in Asia Pacific.

Important attributes of Nanjing Hongrui PA6 B201 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
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Specific Gravity	1.07	g/cm ³	ASTM D792
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Molding Shrinkage - Flow	1.8	%	ASTM D955
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Hardness	Nominal Value	Unit	Test Method
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Rockwell Hardness (R-Scale)	110		ASTM D785
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Mechanical	Nominal Value	Unit	Test Method
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Tensile Strength	45.0	MPa	ASTM D638
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Tensile Elongation (Break)	100	%	ASTM D638
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Flexural Modulus	1600	MPa	ASTM D790
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Flexural Strength	55.0	MPa	ASTM D790
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Impact	Nominal Value	Unit	Test Method
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Notched Izod Impact (Area)	80.0	kJ/m ²	ASTM D256
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Thermal	Nominal Value	Unit	Test Method
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Deflection Temperature Under Load (0.45 MPa, Unannealed)	150	°C	ASTM D648
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Melting Temperature	220	°C	
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Electrical	Nominal Value	Unit	Test Method
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Surface Resistivity	1.0E+13	ohms	ASTM D257
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Dielectric Strength	20	kV/mm	ASTM D149
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Flammability	Nominal Value	Unit	Test Method
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Flame Rating	HB		UL 94
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