

Nanjing Hongrui PC C500

Polycarbonate

Nanjing Hongrui Engineering Plastics Co., Ltd.

Message:

Nanjing Hongrui PC C500 is a Polycarbonate (PC) material. It is available in Asia Pacific. Primary attribute of Nanjing Hongrui PC C500: Flame Rated.
Typical application of Nanjing Hongrui PC C500: Electrical/Electronic Applications

General Information			
Uses	Electrical/Electronic Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	60.0	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus	2400	MPa	ASTM D790
Flexural Strength	90.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	50.0	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	120	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	ASTM D257
Dielectric Strength	16	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-2		UL 94

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Recommended distributors for this material

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