

Nanjing Hongrui PC CS500

Polycarbonate Alloy

Nanjing Hongrui Engineering Plastics Co., Ltd.

Message:

Nanjing Hongrui PC CS500 is a Polycarbonate Alloy (PC Alloy) material. It is available in Asia Pacific. Primary attribute of Nanjing Hongrui PC CS500: Flame Rated.

Typical applications include:

- Automotive
- Electrical/Electronic Applications
- Housings

General Information			
Uses	Automotive Applications		
	Automotive Bumper		
	Cell Phones		
	Housings		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	100	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	5000	MPa	ASTM D790
Flexural Strength	160	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	6.00	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	215	°C	ASTM D648
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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