

Naxel B720

Polycarbonate + PBT

Custom Resins Group

Message:

PC/PBT alloy
Combines the high impact resistance of polycarbonate with the improved chemical resistance of PBT
High toughness and elongation values compared to typical crystalline resins
Suitable for applications such as housings, covers, material handling components

General Information			
Features	Good Chemical Resistance		
	High Elongation		
	High Impact Resistance		
	Ultra High Toughness		
Uses	Housings		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	56.9	MPa	ASTM D638
Tensile Elongation (Yield)	100	%	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	750	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	116	°C	
1.8 MPa, Unannealed	101	°C	

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