

Naxel PC40CV

Polycarbonate
Custom Resins Group

Message:

General purpose polycarbonate injection molding grade
High impact resistance and heat resistance typical of - Available in water white, blue tint, black, and pre-colored
Suitable for such applications as housings and enclosures, brackets, connectors and other typical polycarbonate type uses

General Information			
Features	General Purpose		
	High Heat Resistance		
	High Impact Resistance		
Uses	Connectors		
	General Purpose		
	Housings		
Appearance	Black		
	Clear - Blue Tint		
	Colors Available		
	White		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	60.7	MPa	ASTM D638
Tensile Elongation (Yield)	110	%	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	690	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	127	°C	ASTM D648

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