

# Naxel PC10

Polycarbonate

Custom Resins Group

Message:

Un-reinforced general purpose polycarbonate

Retains the high impact resistance and heat resistance of virgin polycarbonate while improving the cost / performance ratio

Suitable for such applications as housings and enclosures, brackets, connectors, etc

General Information			
Features	High Heat Resistance		
	High Impact Resistance		
Uses	Connectors		
	General Purpose		
	Housings		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.60	%	ASTM D955
Viscosity	9 melt flow		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	58.6	MPa	ASTM D638
Tensile Elongation (Yield)	60	%	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	640	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	129	°C	ASTM D648

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## Recommended distributors for this material

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