

Naxel PC40

Polycarbonate

Custom Resins Group

Message:

General purpose Economy grade 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 and other typical polycarbonate type uses

General Information			
Features	General Purpose		
	High Heat Resistance		
	High Impact Resistance		
Uses	Connectors		
	General Purpose		
	Housings		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60	%	ASTM D955
Viscosity	20 melt flow		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	60.3	MPa	ASTM D638
Tensile Elongation (Yield)	88	%	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	800	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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