

# Naxel PC41

Polycarbonate

Custom Resins Group

Message:

General purpose polycarbonate produced from recycled feed-stocks

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	
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Recycled Content	Yes
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 <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.60	%	ASTM D955
Viscosity	12 melt flow		

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	62.1	MPa	ASTM D638
Tensile Elongation (Yield)	100	%	ASTM D638
Flexural Modulus	2240	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)	129	°C	ASTM D648

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