

Naxel PC43

Polycarbonate
Custom Resins Group

Message:

General purpose, UV stabilized polycarbonate molding resin
Has the high impact resistance and heat resistance typical of polycarbonate, while adding a UV stabilizer package for improved weatherability
Suitable for enclosures and housings, trim panels, and consumer items that may experience increased light exposure

General Information	
Additive	UV Stabilizer
Features	General Purpose
	Good Weather Resistance
	High Heat Resistance
	High Impact Resistance
Uses	Consumer Applications
	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	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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