Naxel® PC10

TECHNICAL DATASHEET

TDS Ref # 28 Reviewed: 9/17/2014

DESCRIPTION

• Un-reinforced general purpose compounded polycarbonate.
• Retains the high impact resistance and heat resistance of virgin polycarbonate while improving the cost / perfomance ratio.

PROPERTIES	TEST METHOD	UNIT	VALUE
PHYSICAL PROPERTIES			
Mold Shrinkage	n/a	in/in	0.006
Specific Gravity	D792	n/a	1.20
MECHANICAL PROPERTIES			
Elongation	D638	%	60
Flexural Modulus	D790	psi (MPa)	340,000 (2345)
Notched Izod @ 23°C	D256	ft. lb./ in. (J/m)	12.0 (642)
Tensile Strength	D638	psi (MPa)	8,500 (59)
THERMAL PROPERTIES			
DTUL @ 264 psi/1.82 MPa	D648	°F (°C)	265 (129)

NOTES

PROCESSING CONSIDERATIONS: OTHER UNREINFORCED

Please contact for processing information on this product.

CHARACTERISTICS

Resin Type: PC & PC Alloy

Product Characteristics:

Unreinforced, General Purpose, High Impact, Black

INJECTION MOLDING PROCESSING

Economy Grade

MARKETS USED

- Automotive Applications
- Electrical Applications
- Food Packaging

APPLICATIONS

- Cooling Radiator Systems
- Electrical Connector
- Extrusion Coating for Paper Board
- Flexible Packaging

DISCLAIMER

The data set forth herein has been carefully compiled by Nylene in our laboratories. Values shown are typical properties and not specifications. Since processing variables will affect properties, the reproducibility of our data in a customer's testing facility is not guaranteed. There is no warranty of any kind, either expressed or implied, applicable to the use of this information, and the user assumes all risk and liability in connection therewith.

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