

NEXT PCR PC EG-300PCR

Polycarbonate
NEXT Specialty Resins, Inc.

Message:

NEXT PCR PC EG-300PCR is a Polycarbonate (PC) material. It is available in North America for extrusion or injection molding.
Important attributes of NEXT PCR PC EG-300PCR are:
Eco-Friendly/Green
Good Processability
Typical application of NEXT PCR PC EG-300PCR: Furniture

General Information	
Recycled Content	Yes
Features	Good Processability
Uses	Furniture
Appearance	Black
Forms	Pellets, Reprocessed
Processing Method	Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	2.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	58.6	MPa	ASTM D638
Tensile Elongation (Break)	90	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	720	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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