

# NEXT PCR PC EG-100PCR

Polycarbonate  
NEXT Specialty Resins, Inc.

Message:

NEXT PCR PC EG-100PCR is a Polycarbonate (PC) material. It is available in North America.

Important attributes of NEXT PCR PC EG-100PCR are:

Eco-Friendly/Green

Halogen Free

Typical applications include:

Appliances

Electrical/Electronic Applications

General Information			
Recycled Content	Yes		
Features	Halogen Free		
Uses	Appliances		
	Electrical/Electronic Applications		
Appearance	Natural Color		
Forms	Pellets, Reprocessed		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	70		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2070	MPa	ASTM D790
Tensile Strength	59.3	MPa	ASTM D638
Tensile Elongation (Break)	80	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	750	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	131	°C	ASTM D648

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