

NEXT PCR PC MG-100PCR

Polycarbonate
NEXT Specialty Resins, Inc.

Message:

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

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

Eco-Friendly/Green

Clarity

Halogen Free

UV Stabilized

Typical applications include:

Appliances

Automotive

Electrical/Electronic Applications

General Information			
Additive	UV Stabilizer		
Recycled Content	Yes		
Features	Halogen Free		
	High Clarity		
Uses	Appliances		
	Automotive Applications		
	Electrical/Electronic Applications		
Appearance	Natural Color		
	Translucent		
Forms	Pellets, Reprocessed		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	12	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 Strength	58.6	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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