

# NEXT REPROCESSED PC 143-300R

Polycarbonate  
NEXT Specialty Resins, Inc.

Message:

NEXT REPROCESSED PC 143-300R is a Polycarbonate (PC) material. It is available in North America for injection molding.

Important attributes of NEXT REPROCESSED PC 143-300R are:

- Eco-Friendly/Green
- Good Processability

Typical application of NEXT REPROCESSED PC 143-300R: Furniture

General Information			
Recycled Content	Yes		
Features	Good Processability		
Uses	Furniture		
Appearance	Black		
Forms	Pellets, Reprocessed		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	11	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	58.6	MPa	ASTM D638
Tensile Elongation (Break)	95	%	ASTM D638
Flexural Modulus	2140	MPa	ASTM D790
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)	129	°C	ASTM D648

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Recommended distributors for this material

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