

NEXT REGRIND PC 143R-300RG

Polycarbonate
NEXT Specialty Resins, Inc.

Message:

NEXT REGRIND PC 143R-300RG is a Polycarbonate (PC) material. It is available in North America for injection molding.
Important attributes of NEXT REGRIND PC 143R-300RG are:
Eco-Friendly/Green
Good Mold Release
Halogen Free
UV Stabilized
Typical application of NEXT REGRIND PC 143R-300RG: Automotive

General Information			
Additive	UV Stabilizer		
Recycled Content	Yes		
Features	Good Mold Release		
	Halogen Free		
Uses	Automotive Applications		
Appearance	Black		
Forms	Regrind		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	11 to 13	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	57.2	MPa	ASTM D638
Tensile Elongation (Break)	95	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
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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