

NEXT REGRIND PC 500-300RG

Polycarbonate

NEXT Specialty Resins, Inc.

Message:

NEXT REGRIND PC 500-300RG is a Polycarbonate (PC) material filled with 10% glass fiber. It is available in North America for injection molding.

Important attributes of NEXT REGRIND PC 500-300RG are:

Eco-Friendly/Green

Flame Retardant

Impact Resistant

Typical application of NEXT REGRIND PC 500-300RG: Automotive

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Recycled Content	Yes		
Features	Flame Retardant High Impact Resistance		
Uses	Automotive Applications		
Appearance	Black		
Forms	Regrind		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	62.1	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	3280	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	141	°C	ASTM D648

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Recommended distributors for this material

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