

# NEXT REGRIND PBT DR51-100RG

Polybutylene Terephthalate

NEXT Specialty Resins, Inc.

## Message:

NEXT REGRIND PBT DR51-100RG is a Polybutylene Terephthalate (PBT) material filled with 15% glass fiber. It is available in North America. Primary attribute of NEXT REGRIND PBT DR51-100RG: Eco-Friendly/Green.

Typical applications include:

Appliances

Electrical/Electronic Applications

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Recycled Content	Yes		
Features	Good Electrical Properties		
Uses	Appliances		
	Electrical/Electronic Applications		
Appearance	Natural Color		
Forms	Regrind		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	118		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	79.3	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	4140	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	188	°C	ASTM D648

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## Recommended distributors for this material

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