

NEXT REGRIND PET 545-300RG

Polyethylene Terephthalate

NEXT Specialty Resins, Inc.

Message:

NEXT REGRIND PET 545-300RG is a Polyethylene Terephthalate (PET) material filled with 45% glass fiber. It is available in North America.

Important attributes of NEXT REGRIND PET 545-300RG are:

Eco-Friendly/Green

Good Dimensional Stability

Good Stiffness

Typical application of NEXT REGRIND PET 545-300RG: Automotive

General Information			
Filler / Reinforcement	Glass Fiber,45% Filler by Weight		
Recycled Content	Yes		
Features	Good Dimensional Stability		
	Good Stiffness		
	Good Strength		
Uses	Automotive Applications		
Appearance	Black		
Forms	Regrind		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.70	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	162	MPa	ASTM D638
Tensile Elongation (Break)	1.5	%	ASTM D638
Flexural Modulus	13800	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	224	°C	ASTM D648

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

