

Rynite® RE15022 NC010

THERMOPLASTIC POLYESTER RESIN

DuPont Performance Polymers

Message:

36% Glass Reinforced Polyethylene Terephthalate

General Information			
Filler / Reinforcement	Glass Fiber,36% Filler by Weight		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.65	g/cm ³	ASTM D792, ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	14000	MPa	ISO 527-2
Tensile Stress			
Break	205	MPa	ISO 527-2
--	195	MPa	ASTM D638
Tensile Elongation (Break)	2.4	%	ASTM D638, ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	65	kJ/m ²	ISO 179/1eU
Notched Izod Impact			ASTM D256
--	110	J/m	
-40°C	110	J/m	
Unnotched Izod Impact (Area)	1180	kJ/m ²	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	235	°C	ASTM D648, ISO 75-2/A
Melting Temperature ¹	247	°C	ISO 11357-3
NOTE			
1.	10°C/min		

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



WECHAT