

RIGITRON 30530 GF

Thermoplastic Polyester

Ovation Polymers Inc.

Message:

Polyester - 30 % Glass Fiber Reinforced PET.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Forms	Pellets		
Processing Method	Coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.56	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow : 3.17 mm	0.0 to 0.050	%	
Across Flow : 3.17 mm	0.0 to 0.10	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	4000	MPa	ASTM D638
Tensile Strength ² (Break)	108	MPa	ASTM D638
Tensile Elongation ³ (Break)	3.0	%	ASTM D638
Flexural Modulus ⁴	7600	MPa	ASTM D790
Flexural Strength ⁵ (Yield)	174	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	57	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	250 to 258	°C	DSC
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	50 mm/min		
4.	1.3 mm/min		
5.	1.3 mm/min		

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Recommended distributors for this material

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