

QR Resin QR-8000-GFR30

Polybutylene Terephthalate

QTR, Inc.

Message:

QR-8000-GFR30 has Flame Packages available as: 94V-0, 94-5VA (Po Specified).

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Good Dimensional Stability		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	105	MPa	ASTM D638
Flexural Modulus	6830	MPa	ASTM D790
Flexural Strength (Break)	168	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Unnotched Izod Impact (23°C)	590	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	216	°C	
1.8 MPa, Unannealed	204	°C	
Flammability	Nominal Value		Test Method
	V-0		
Flame Rating (1.59 mm)	5VA		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	3.0 to 6.0	hr	
Drying Time, Maximum	6.0	hr	
Rear Temperature	243 to 266	°C	
Middle Temperature	249 to 266	°C	
Front Temperature	254 to 277	°C	
Nozzle Temperature	249 to 271	°C	
Processing (Melt) Temp	254 to 277	°C	
Mold Temperature	65.6 to 87.8	°C	

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