

QR Resin QR-1310IM-GF10

Polycarbonate + Polyester

QTR, Inc.

Message:

Available with UV (V) or Release (R).
Flame Packages Available (0.0625 in min. thickness): 94V-2, 94V-0, 94-5VA

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Additive	Impact Modifier		
Features	Ductile		
	Impact Modified		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	60.7	MPa	ASTM D638
Flexural Modulus	2690	MPa	ASTM D790
Flexural Strength (Yield)	94.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-29°C	110	J/m	
23°C	160	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	171	°C	
1.8 MPa, Unannealed	116	°C	
Injection	Nominal Value	Unit	
Drying Temperature	104	°C	
Drying Time	4.0 to 8.0	hr	
Drying Time, Maximum	8.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	243 to 266	°C	

Middle Temperature	249 to 277	°C
Front Temperature	254 to 282	°C
Nozzle Temperature	246 to 277	°C
Processing (Melt) Temp	266 to 277	°C
Mold Temperature	65.6 to 93.3	°C

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Recommended distributors for this material

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