

QR Resin QR-1235-FR

Polycarbonate + ABS

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			
Features	Good Processability		
	High Heat Resistance		
Appearance	Colors Available		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	35	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	62.1	MPa	ASTM D638
Flexural Modulus	2650	MPa	ASTM D790
Flexural Strength (Yield)	95.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	430	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	102	°C	
1.8 MPa, Unannealed	93.3	°C	
Injection	Nominal Value	Unit	
Drying Temperature	93.3	°C	
Drying Time	3.0 to 6.0	hr	
Drying Time, Maximum	6.0	hr	
Rear Temperature	254 to 266	°C	
Middle Temperature	221 to 271	°C	
Front Temperature	238 to 282	°C	
Nozzle Temperature	277 to 299	°C	
Processing (Melt) Temp	249 to 282	°C	
Mold Temperature	60.0 to 82.2	°C	

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Recommended distributors for this material

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