

QR Resin QR-2010

Acrylonitrile Butadiene Styrene

QTR, Inc.

Message:

Available with either high or low gloss.

General Information			
Features	High Flow		
	High Heat Resistance		
Appearance	Colors Available		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	52.4	MPa	ASTM D638
Flexural Modulus	2450	MPa	ASTM D790
Flexural Strength (Yield)	79.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	270	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	96.1	°C	
1.8 MPa, Unannealed	85.0	°C	
Injection	Nominal Value	Unit	
Drying Temperature	93.3	°C	
Drying Time	2.0 to 4.0	hr	
Drying Time, Maximum	4.0	hr	
Rear Temperature	193 to 232	°C	
Middle Temperature	210 to 249	°C	
Front Temperature	221 to 249	°C	
Nozzle Temperature	232 to 271	°C	
Processing (Melt) Temp	232 to 271	°C	
Mold Temperature	48.9 to 82.2	°C	

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Recommended distributors for this material

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