

QR Resin QR-1815IM(LT)V

Polycarbonate + PBT

QTR, Inc.

Message:

QR-1815IM(LT)V is available with UV (V) Stabilizer.

General Information			
Additive	Impact Modifier		
	UV Stabilizer		
Features	Good Chemical Resistance		
	Impact Modified		
	Low Temperature Impact Resistance		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/5.0 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.80 to 1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	51.7	MPa	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Flexural Modulus	1900	MPa	ASTM D790
Flexural Strength (Yield)	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	430	J/m	
23°C	690	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	104	°C	
1.8 MPa, Unannealed	90.6	°C	
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	4.0 to 6.0	hr	
Drying Time, Maximum	6.0	hr	

Rear Temperature	243 to 266	°C
Middle Temperature	249 to 271	°C
Front Temperature	249 to 271	°C
Nozzle Temperature	249 to 271	°C
Processing (Melt) Temp	254 to 277	°C
Mold Temperature	37.8 to 82.2	°C

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Recommended distributors for this material

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