

QR Resin QR-1815

Polycarbonate + PBT
QTR, Inc.

Message:

QR-1815 is available with UV (V) or Release (R).

General Information			
Additive	Mold Release		
	UV Stabilizer		
Features	Good Mold Release		
Appearance	Colors Available		
	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	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	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	55.2	MPa	ASTM D638
Flexural Modulus	1830	MPa	ASTM D790
Flexural Strength (Yield)	90.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	530	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	106	°C	
1.8 MPa, Unannealed	98.9	°C	
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	4.0 to 8.0	hr	
Drying Time, Maximum	8.0	hr	
Rear Temperature	243 to 266	°C	
Middle Temperature	249 to 271	°C	
Front Temperature	254 to 277	°C	
Nozzle Temperature	254 to 271	°C	
Processing (Melt) Temp	243 to 277	°C	
Mold Temperature	65.6 to 87.8	°C	

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Recommended distributors for this material

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