

QR Resin QR-1335IM(V)

Polycarbonate + PET

QTR, Inc.

Message:

Appearance:

Natural/Black Color

Custom Colors Available

Features:

High Impact (at room temperature and low temperature)

Chemically Resistant

UV (V) Stabilized

General Information			
Additive	UV Stabilizer		
Features	Good Chemical Resistance		
	High Impact Resistance		
	Low Temperature Impact Resistance		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	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)	0.90	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	58.6	MPa	ASTM D638
Tensile Elongation (Break)	130	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength	79.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	640	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	124	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	4.0 to 6.0	hr	
Drying Time, Maximum	6.0	hr	
Suggested Max Moisture	0.020	%	

Rear Temperature	249 to 271	°C
Middle Temperature	254 to 277	°C
Front Temperature	260 to 282	°C
Nozzle Temperature	254 to 277	°C
Processing (Melt) Temp	260 to 277	°C
Mold Temperature	65.6 to 87.8	°C

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