

QR Resin QR-1010 R

PC

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	13	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	58.6	MPa	ASTM D 638
Flexural Modulus	2280	MPa	ASTM D 790
Izod Impact notched, 1/8 in	640	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	138	°C	ASTM D 648
DTUL @ 264 psi	129	°C	ASTM D 648
Other properties			
Density	1210	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	3 - 6	h	-
Melt temperature	280 - 305	°C	-
Mold temperature	70 - 95	°C	-
Zone 1	260 - 280	°C	-
Zone 2	270 - 295	°C	-
Zone 3	280 - 305	°C	-
Nozzle temperature	275 - 300	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Pellets, Natural Color

Additives

Release agent

Special Characteristics

High impact or impact modified

Regional Availability

North America