

QR Resin QR-1235 V

PC

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	35	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	5	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	55.8	MPa	ASTM D 638
Flexural Modulus	2410	MPa	ASTM D 790
Izod Impact notched, 1/8 in	530	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	430	J/m	ASTM D 256
Temperature	-30	°C	-
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	124	°C	ASTM D 648
DTUL @ 264 psi	107	°C	ASTM D 648
Other properties			
Density	1140	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	107	°C	-
Pre-drying - Time	4 - 8	h	-
Melt temperature	249 - 293	°C	-
Mold temperature	60 - 93	°C	-
Zone 1	246 - 282	°C	-
Zone 2	249 - 293	°C	-
Zone 3	260 - 299	°C	-
Nozzle temperature	271 - 299	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black, Natural Color

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Regional Availability

North America