

QR Resin QR-1013 V

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	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	62.1	MPa	ASTM D 638
Elongation at Break	120	%	ASTM D 638
Flexural Modulus	2280	MPa	ASTM D 790
Izod Impact notched, 1/8 in	640	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	135	°C	ASTM D 648
DTUL @ 264 psi	127	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	4 - 8	h	-
Melt temperature	288 - 304	°C	-
Mold temperature	77 - 104	°C	-
Zone 1	271 - 288	°C	-
Zone 2	282 - 299	°C	-
Zone 3	282 - 299	°C	-
Nozzle temperature	288 - 304	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black, Natural Color

Special Characteristics

U.V. stabilized or stable to weather

Applications

General Purpose

Regional Availability

North America