

QR Resin QR-1013-IM 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			
ASTM Data			
Tensile Strength at Yield	62.1	MPa	ASTM D 638
Flexural Modulus	2340	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	132	°C	ASTM D 648
Other properties			
Density	1200	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	3 - 6	h	-
Melt temperature	282 - 310	°C	-
Mold temperature	71 - 93	°C	-
Zone 1	260 - 288	°C	-
Zone 2	271 - 304	°C	-
Zone 3	282 - 310	°C	-
Nozzle temperature	277 - 304	°C	-

Characteristics**Processing**

Injection Molding

Applications

Automotive

Delivery form

Pellets, Natural Color

Regional Availability

North America

Special Characteristics

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