

QR Resin QR-1200-GF20

(PC+ABS)-GF20

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	74.5	MPa	ASTM D 638
Flexural Modulus	6000	MPa	ASTM D 790
Izod Impact notched, 1/8 in	75	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	130	°C	ASTM D 648
DTUL @ 264 psi	116	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1260	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	88	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	249 - 277	°C	-
Mold temperature	38 - 66	°C	-
Zone 1	249 - 260	°C	-
Zone 2	254 - 266	°C	-
Zone 3	260 - 271	°C	-
Nozzle temperature	266 - 277	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black, Natural Color

Special Characteristics

Heat stabilized or stable to heat

Applications

General Purpose

Regional Availability

North America