

**QR Resin QR-1310-GF10**

(PC+Polyester)-GF10

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	11	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0023	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	66.2	MPa	ASTM D 638
Izod Impact notched, 1/8 in	170	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	110	J/m	ASTM D 256
Temperature	-20	°C	-
Izod Impact unnotched, 1/8 in	950	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	127	°C	ASTM D 648
DTUL @ 264 psi	108	°C	ASTM D 648
Vicat Temperature	148	°C	ASTM D 1525
<b>Other properties</b>			
Density	1270	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	93	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.02	%	-
Melt temperature	266 - 277	°C	-
Mold temperature	71 - 93	°C	-
Zone 1	252 - 266	°C	-
Zone 2	252 - 277	°C	-
Zone 3	254 - 282	°C	-
Nozzle temperature	246 - 277	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets, Black, Natural Color

**Additives**

Release agent

**Special Characteristics**

U.V. stabilized or stable to weather

**Chemical Resistance**

General Chemical Resistance

**Regional Availability**

North America