

QR Resin QR-2000-GF30

ABS-GF30

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Break	103	MPa	ASTM D 638
Elongation at Break	1.2	%	ASTM D 638
Flexural Modulus	7520	MPa	ASTM D 790
Izod Impact notched, 1/8 in	43	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	104	°C	ASTM D 648
DTUL @ 264 psi	98.9	°C	ASTM D 648
Other properties			
Density	1200	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	93	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	216 - 260	°C	-
Mold temperature	49 - 71	°C	-
Zone 1	188 - 210	°C	-
Zone 2	204 - 227	°C	-
Zone 3	216 - 238	°C	-
Nozzle temperature	216 - 260	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Pellets

Regional Availability

North America