

QR Resin QR-8000-GFR30

PBT-GF30

LyondellBasell Industries

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	105	MPa	ASTM D 638
Flexural Modulus	6830	MPa	ASTM D 790
Izod Impact notched, 1/8 in	43	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	590	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 66 psi	216	°C	ASTM D 648
DTUL @ 264 psi	204	°C	ASTM D 648

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	3 - 6	h	-
Melt temperature	254 - 277	°C	-
Mold temperature	66 - 88	°C	-
Zone 1	243 - 266	°C	-
Zone 2	249 - 266	°C	-
Zone 3	254 - 277	°C	-
Nozzle temperature	249 - 271	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant

Delivery form

Pellets, Black, Natural Color

Regional Availability

North America