

QR Resin QR-9006-GF40

PA6-GF40

LyondellBasell Industries

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	152	MPa	ASTM D 638
Elongation at Break	3.5	%	ASTM D 638
Flexural Modulus	9510	MPa	ASTM D 790

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	204	°C	ASTM D 648
Melting Temperature	216	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1450	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	79	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	260 - 288	°C	-
Mold temperature	66 - 93	°C	-
Zone 1	232 - 288	°C	-
Zone 2	232 - 288	°C	-
Zone 3	232 - 288	°C	-
Nozzle temperature	232 - 288	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Pellets, Black, Natural Color

Regional Availability

North America