

QR Resin QR-9066

PA66

LyondellBasell Industries

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	77.2	MPa	ASTM D 638
Elongation at Break	40	%	ASTM D 638
Flexural Modulus	2730	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	71.1	°C	ASTM D 648
Melting Temperature	267	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1130	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	60	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	277 - 304	°C	-
Mold temperature	66 - 93	°C	-
Zone 1	260 - 288	°C	-
Zone 2	260 - 288	°C	-
Zone 3	271 - 288	°C	-
Nozzle temperature	277 - 304	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Delivery form

Pellets, Black, Natural Color