HK:+852-69575415 China GuangDong:+13538586433 ShangHai:+18816996168

Technical Data Sheet

Qr Resin QR-1200GF16

Polycarbonate + ABS
LyondellBasell Industries
Engineering Plastics

General		
Filler / Reinforcement	• Glass Fiber, 16% Filler by Weight	
Features	• General Purpose	• High Heat Resistance
Forms	• Pellets	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.26	1.26 g/cm³	ASTM D792
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Strength (Yield)	12000 psi	82.7 MPa	ASTM D638
Flexural Modulus	725000 psi	5000 MPa	ASTM D790
Flexural Strength (Yield)	18900 psi	130 MPa	ASTM D790
Impact	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Notched Izod Impact (73°f (23°c))	1.4 ft·lb/in	76 J/m	ASTM D256
Thermal	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	250 °F	121 °C	

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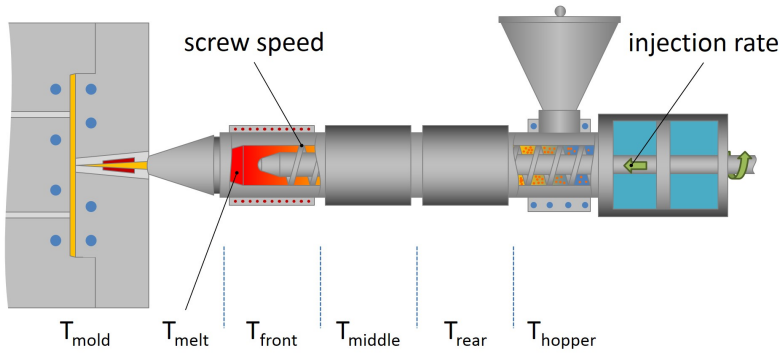

Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	180 to 250 °F	82 to 121 °C
Drying Time	2.0 to 4.0 hr	2.0 to 4.0 hr
Rear Temperature	450 to 500 °F	232 to 260 °C
Middle Temperature	450 to 550 °F	232 to 288 °C
Front Temperature	450 to 550 °F	232 to 288 °C
Nozzle Temperature	450 to 550 °F	232 to 288 °C
Processing (Melt) Temp	450 to 550 °F	232 to 288 °C
Mold Temperature	110 to 180 °F	43 to 82 °C

Notes

These are typical property values not to be construed as specification limits.