

**QR Resin QR-1305IM(LT)**

(PC+Polyester)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	55.2	MPa	ASTM D 638
Elongation at Break	120	%	ASTM D 638
Flexural Modulus	2070	MPa	ASTM D 790
Izod Impact notched, 1/8 in	690	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	480	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 264 psi	113	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1210	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	260 - 282	°C	-
Mold temperature	66 - 104	°C	-
Zone 1	249 - 271	°C	-
Zone 2	254 - 277	°C	-
Zone 3	260 - 282	°C	-
Nozzle temperature	254 - 277	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets, Black, Natural Color

**Special Characteristics**

High impact or impact modified

**Features**

Melt Strength, Thermal Stability

**Chemical Resistance**

General Chemical Resistance

**Regional Availability**

North America