

QR Resin QR-1805IMLM

Polycarbonate + Polyester

QTR, Inc.

Message:

QR Resin QR-1805IMLM is a Polycarbonate + Polyester (PC+Polyester) product. It can be processed by injection molding and is available in North America.

Characteristics include:

Chemical Resistant

Impact Resistant

General Information			
Features	Good Chemical Resistance		
	Good Impact Resistance		
	Low Flow		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.998	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (266°C/5.0 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	56.2	MPa	ASTM D638
Tensile Elongation (Break)	160	%	ASTM D638
Flexural Modulus	2050	MPa	ASTM D790
Flexural Strength (Yield)	80.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	800	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	111	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	4.0 to 6.0	hr	
Drying Time, Maximum	6.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	243 to 266	°C	
Middle Temperature	249 to 271	°C	
Front Temperature	254 to 277	°C	

Nozzle Temperature	254 to 271	°C
Processing (Melt) Temp	260 to 277	°C
Mold Temperature	65.6 to 87.8	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT