

Schulablend M/MC 908 TR

Copolyester
LyondellBasell Industries
Engineering Plastics

Product Description

SCHULABLEND® M/MC 908 TR is a copolyester with excellent clarity, impact, and chemical resistance

General

Processing Method • Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.23	1.23 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 Kg)	23 g/10 min	23 g/10 min	ASTM D1238
Water Absorption (24 Hr)	0.20 %	0.20 %	ASTM D570
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	6380 psi	44.0 MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	330 %	330 %	
Flexural Modulus	261000 psi	1800 MPa	ASTM D790
Flexural Strength	9570 psi	66.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
-22°F (-30°C)	1.4 ft·lb/in	75 J/m	
73°F (23°C)	No Break	No Break	
Unnotched Izod Impact			ASTM D4812
-22°F (-30°C)	9.0 ft·lb/in	480 J/m	
73°F (23°C)	No Break	No Break	
Instrumented Dart Impact (23°F (-5°C))	407 in·lb	46.0 J	ASTM D3763
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	163 °F	72.8 °C	
264 Psi (1.8 Mpa), Unannealed	147 °F	63.9 °C	

Additional Information

The tradename "Schulablend" may be abbreviated "SBL" in documents or on labels.

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Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	194 °F	90 °C
Drying Time	4.0 hr	4.0 hr
Suggested Max Moisture	0.01 %	0.01 %
Processing (Melt) Temp	500 to 570 °F	260 to 299 °C
Mold Temperature	140 to 180 °F	60 to 82 °C

Notes

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