

LEXAN™ ML9103R resin

Polycarbonate

SABIC Innovative Plastics Asia Pacific

Message:

Sheet extrusion grade

General Information			
Uses	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.50 to 0.70	%	Internal Method
Water Absorption (24 hr)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	73.0	MPa	Internal Method
Tensile Elongation (Break)	270	%	Internal Method
Flexural Modulus	2200	MPa	ASTM D790
Flexural Strength	89.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	820	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.20 mm)	131	°C	ASTM D648
CLTE - Flow (-30 to 30°C)	7.0E-5	cm/cm/°C	ASTM E831

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Recommended distributors for this material

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