

Styrylic Grade 2020

Styrene Methyl Methacrylate Acrylic Copolymer

Deltech Polymers Corporation

Message:

Styrylic Grade 2020 is a Styrene Methyl Methacrylate Acrylic Copolymer product. It is available in Europe or North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	2.2	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.60	%	ASTM D955
Water Absorption (24 hr)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2900	MPa	ASTM D638
Tensile Strength (Yield)	63.4	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	3310	MPa	ASTM D790
Flexural Strength	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	92.2	°C	ASTM D648
Vicat Softening Temperature	104	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Refractive Index	1.570		ASTM D542
Transmittance	92.8	%	ASTM D1003
Haze	< 0.50	%	ASTM D1003

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