

SD POLYCA™ SD2201W

Polycarbonate

Sumika Styron Polycarbonate Limited

Message:

SD POLYCA™ SD2201W and SD2221W satisfy both high optical property and high flow requirements.

General Information			
UL YellowCard	E123529-100239442		
Features	Optical		
	High liquidity		
Uses	Optical applications		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ISO 527-2
Tensile Stress	64.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Flexural Stress	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	122	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.40 mm	V-2		UL 94
3.0 mm	V-2		UL 94
Optical	Nominal Value	Unit	Test Method
Transmittance (2000 μm)	90.6	%	JIS K7361
Haze (2000 μm)	0.30	%	JIS K7136

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