

# Optix® CA-41

Polymethyl Methacrylate Acrylic

Plaskolite West, Inc.

## Message:

Optix® CA-41 is a Polymethyl Methacrylate Acrylic product. It is available in North America. Primary characteristic: flame rated.

General Information			
UL YellowCard	E167330-225033		
Appearance	Clear/Transparent		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	26	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2810	MPa	ASTM D638
Tensile Strength (Yield)	53.8	MPa	ASTM D638
Tensile Elongation (Yield)	2.4	%	ASTM D638
Flexural Strength	80.7	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	72.8	°C	ASTM D1003
Vicat Softening Temperature	90.0	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Optical	Nominal Value	Unit	Test Method
Transmittance	92.0	%	ASTM D1003

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## Recommended distributors for this material

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