

Optix® CA-68

Polymethyl Methacrylate Acrylic
Plaskolite West, Inc.

Message:

CA-68 clear is general-purpose polymer designated for high heat applications. This polymer offers high heat resistance and stiffness among all CA acrylic resins.
Excellent performance and process ability. Designed for all injection molding and extrusion processes. Ideal for injection molding of display cases and houseware products. Preferred resin for rod extrusions. Crystal clear with no odor, easy to blend with other polymers and color

General Information	
UL YellowCard	E167330-475623
Features	General Purpose
	Good Processing Stability
	High Heat Resistance
	High Stiffness
	Low to No Odor
Uses	Blending
	Decorative Displays
	General Purpose
	Household Goods
	Rods
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2900	MPa	ASTM D638
Tensile Strength (Yield)	58.6	MPa	ASTM D638
Tensile Elongation (Yield)	2.7	%	ASTM D638
Flexural Strength	102	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	102	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Transmittance	92.0	%	ASTM D1003

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