

Optix® CP-75 HID

Polymethyl Methacrylate Acrylic

Plaskolite West, Inc.

Message:

Optix® CP-75 HID is a Polymethyl Methacrylate Acrylic product. It is available in Europe or North America. Typical application: Lighting Applications.

General Information			
UL YellowCard	E167330-100061604	E167330-225042	
Uses	Lighting Fixtures		
Forms	Pellets		
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)	3.4	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	71.0	MPa	ASTM D638
Flexural Modulus	2850	MPa	ASTM D790
Flexural Strength	113	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	100	°C	ASTM D648
Vicat Softening Temperature	113	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Refractive Index	1.490		ASTM D542
Transmittance	92.0	%	ASTM D1003

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