

Optix® CP-1000 IG

Polymethyl Methacrylate Acrylic

Plaskolite, Inc.

Message:

Optix® CP-1000 IG is a polymethyl methacrylate-acrylic material. This product is available in North America or Europe.

General Information			
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	2.7	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20 - 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1860	MPa	ASTM D638
Tensile Strength	42.1	MPa	ASTM D638
Tensile Elongation (Break)	37	%	ASTM D638
Flexural Strength	61.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	64	J/m	ASTM D256
Dart Drop Impact ¹ (3.18 mm)	6.33	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	80.0	°C	ASTM D648
Vicat Softening Temperature	99.4	°C	ASTM D1525
CLTE - Flow (-30 to 30°C)	1.2E-4	cm/cm/°C	ASTM D696
NOTE			

1. Geometry GB

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Recommended distributors for this material

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