

Optix® CA-927 HF CLEAR

Polymethyl Methacrylate Acrylic

Plaskolite West, Inc.

Message:

Optix® CA-927 HF CLEAR is a Polymethyl Methacrylate Acrylic product. It can be processed by injection molding and is available in North America.

Characteristics include:

High Flow

Impact Modified

General Information			
Additive	Impact Modifier		
Features	General Purpose		
	High Flow		
	Impact Modified		
Uses	General Purpose		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2380	MPa	ASTM D638
Tensile Strength	49.6	MPa	ASTM D638
Tensile Elongation (Break)	25	%	ASTM D638
Flexural Modulus	1860	MPa	ASTM D790
Flexural Strength	48.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	43	J/m	ASTM D256
Gardner Impact	3.16	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	73.3	°C	ASTM D648
Vicat Softening Temperature	108	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Transmittance	90.0	%	ASTM D1003

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