

Optix® CA-80

Polymethyl Methacrylate Acrylic
Plaskolite West, Inc.

Message:

CA-80 clear is general-purpose polymer designated for extrusions. This polymer is unlubricated and offers the highest molecular weight. This polymer is excellent performance for extrusions of lighting and panels. Outstanding processability, and appearance with no odor or taste. Excellent for blending with other polymers and colors. Ideal for prismatic sheet extrusion which requires nonlubricant resin.

General Information	
UL YellowCard	E167330-225044
Features	General Purpose
	Good Processability
	High Molecular Weight
	Low to No Odor
	Low to No Taste
Uses	Blending
	General Purpose
	Sheet
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Extrusion
	Sheet Extrusion

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)	2.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3430	MPa	ASTM D638
Tensile Strength (Yield)	68.9	MPa	ASTM D638
Tensile Elongation (Yield)	4.6	%	ASTM D638
Flexural Strength	105	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	104	°C	ASTM D1525
RTI Elec	90.0	°C	UL 746
RTI Imp	90.0	°C	UL 746
RTI Str	90.0	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Optical	Nominal Value	Unit	Test Method

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT