Shinkolite PX

Polymethyl Methacrylate Acrylic

Mitsubishi Rayon Co., Ltd.

Message:

ShinkoLite-A PX200 is a Polymethyl Methacrylate Acrylic material. It is available in North America for thermoforming or vacuum forming. Important attributes of ShinkoLite-A PX200 are: Low to No Odor/Taste Crosslinkable Good UV Resistance Good Weather Resistance High Gloss Typical applications include: Aerospace Household Applications

UL VellowCard E54695-244813 E54695-244814 Features Crosslinkable Good UV Resistance Good UV Resistance Good Weather Resistance High Gloss Low to No Odor Low to No Odor Low to No Taste Uses Aircraft Interiors Bathroom Accessories Appearance Clear/Transparent Colors Available Forms Pellets Sheet Processing Method Thermoforming Vacuum Forming Physical Nominal Value Unit Test Method Mater Absorption (24 hr) 0.30 % ASTM D570 Hardness Io0 Stret ASTM D570 Barcol Hardness 52 Colors ASTM D583 Good UN Resistance Sincel Hardness ASTM D570 Barcol Hardness 52 ASTM D583 Mechanical Nominal Value Unit Test Method Barcol Hardness 52 ASTM D583 Stret D583	General Information			
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	Barcol Hardness	52		ASTM D2583
Tensile Modulus 2960 MPa ASTM D638	Mechanical	Nominal Value	Unit	Test Method
	Tensile Modulus	2960	MPa	ASTM D638

Tensile Strength (Break)	75.2	MPa	ASTM D638
Tensile Elongation (Break)	4.2	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	15	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8			
MPa, Unannealed)	95.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Transmittance	93.0	%	ASTM D1003

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