

WeConnectScience



LI931

Description

Product for extrusion and co-extrusion with good weatherability and very low gloss level.

Key Features

Weatherability, Low Gloss

Application

Window Profile, Roof Tile

Properties	Condition	Method	Unit	LI931
Physical				
Specific Gravity	23°C	ASTM D792		1.07
Mold Shrinkage	23°C, 3.2mm	ASTM D955	%	0.4 ~ 0.7
Melt Flow Index	220°C, 10kg	ASTM D1238	g/10min	7
Mechanical				
Tensile Strength at Yield	23°C, 50mm/min, 3.2mm	ASTM D638	MPa	34
Tensile Elongation at Break	23°C, 50mm/min, 3.2mm	ASTM D638	%, (Min)	25
Flexural Strength	23°C, 10mm/min, 6.4mm	ASTM D790	MPa	51
Flexural Modulus	23°C, 10mm/min, 6.4mm	ASTM D790	MPa	1600
Izod Impact Strength	Notched, 6.4mm, 23°C	ASTM D256	J/m	90
Rockwell Hardness	R-Scale	ASTM D785		81
Thermal				
Heat Deflection Temperature	Edgewise, 1.82MPa, 6.4mm, Unannealed	ASTM D648	°C	79

Note

Typical values can be used only for the purpose of selecting material, and there can be variation within normal tolerances for various colors. Values given should not be interpreted as specification and not be used for designing part or tool. All properties, except melt flow index are measured by injection molded specimens after 48 hours storage at 23°C, 50% relative humidity.

Updated Date: 2021-05-07 Issued Date : 2023-03-14

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