

DuPont Surlyn® SURSG201UG (discontinued **)

Category : Polymer , Thermoplastic , Ethylene Methyl Acrylate

Material Notes:

Surlyn Reflections® SG201UG is a modified ionomer resin for applications that require a high gloss, molded in color surface finish directly from the mold. The material is weatherable, durable and provides improved scratch and abrasion resistance. Surlyn Reflections® SG201UG is an excellent, lower cost, more environmentally friendly alternative to painting. Information provided by DuPont™

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Surlyn-SURSG201UG-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.043 g/cc	0.03768 lb/in ³	ASTM D792-ISO 1183
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	44.8 MPa	6500 psi	ASTM D638 ISO 527-2
Elongation at Break	>= 200 %	>= 200 %	ASTM D638 ISO 527-2
Flexural Modulus	1.00 GPa	145 ksi	ASTM D790
Izod Impact, Notched	2.67 J/cm	5.00 ft-lb/in	Low Temp; ASTM D256
	6.41 J/cm	12.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	93.6 µm/m-°C	52.0 µin/in-°F	ASTM E831
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	58.0 °C	136 °F	ASTM D648
Vicat Softening Point	190 °C	374 °F	ASTM D1525, ISO 306

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