

Elvacite® 2021c

Polymethyl Methacrylate Acrylic

Lucite International Inc.

Message:

Elvacite® 2021c is a high molecular weight methyl methacrylate polymer. It is used in barrier coatings for vinyl. Its high molecular weight provides excellent abrasion resistance. Elvacite® 2021c is non-reactive and provides excellent viscosity control in reactive systems.

Performance Features and Key Benefits

Vinyl Topcoats to provide excellent abrasion resistance.

Lacquer coatings

Viscosity control in reactive systems

General Information		
Features	Good Abrasion Resistance	
Uses	Coating Applications	
	Fabric Coatings	
Forms	Spheres	
Processing Method	Coating	
Physical	Nominal Value	Unit
Specific Gravity ¹	1.20	g/cm ³
Inherent Viscosity ²	0.47 to 0.53	
Moisture	< 0.50	%
Molecular Weight	119000	
Thermal	Nominal Value	Unit
Glass Transition Temperature ³	95.0	°C
NOTE		
1.	25°C	
2.	Inherent viscosity of a solution containing 0.25 g polymer in 50 ml of methylene chloride measured at 20°C using a No. 50 Cannon-Fenske viscometer.	
3.	onset	

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