

Surlyn® PC100

Ionomer

DuPont Packaging & Industrial Polymers

Message:

Surlyn® PC-100 is available for use in injection molding equipment designed to process polyethylene and ethylene copolymer type resins.

General Information			
Features	Copolymer		
Uses	Cosmetic Packaging		
Agency Ratings	FDA 21 CFR 177.1330(a)		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.90	g/10 min	ASTM D1238, ISO 1133
Ion Type	Sodium		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	45.0	°C	ASTM D1525, ISO 306
Peak Melting Temperature	92.0	°C	ASTM D3418, ISO 3146
Injection	Nominal Value	Unit	
Processing (Melt) Temp	160 to 260	°C	

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Recommended distributors for this material


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