

DuPont™ Entira® ASSD100 Ionomer Resin

Category : Polymer , Thermoplastic , Ionomer

Material Notes:

DuPont™ Entira™ AS SD100 is an extremely hygroscopic ionomer resin that is supplied as free flowing pellets. Entira™ AS SD100 is used to lower the static decay time and surface resistivity of LDPE, LLDPE and other polymers. Entira™ AS SD100 can be precompounded or dry blended into polymers for extrusion, molding, or various other processing methods. Antistatic agent for polyethylene (LDPE, LLDPE and EVA) and other polymers, in films, moldings and extruded forms. Entira™ AS SD100 resin complies with the U.S. Food and Drug Administration Regulation 21 CFR 177.1330(a) -- Ionomeric resins, subject to the limitations and requirements therein. This Regulation describes polymers that may be in contact with non-alcoholic food, subject to the finished food contact article meeting the extractive limitations under the intended conditions of use, as shown in paragraph (c) of the Regulation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Entira-ASSD100-Ionomer-Resin.php

Physical Properties	Metric	English	Comments
Density	0.985 g/cc	0.0356 lb/in³	ASTM D792, ISO 1183
Melt Flow	5.0 g/10 min	5.0 g/10 min	ASTM D1238, ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Thermal Properties	Metric	English	Comments
Melting Point	64.0 °C	147 °F	Freezing Point; ASTM D3418
	92.0 °C	198 °F	ASTM D3418, ISO 3146
Vicat Softening Point	63.0 °C	145 °F	ASTM D1525, ISO 306

Processing Properties	Metric	English	Comments
Processing Temperature	<= 210 °C	<= 410 °F	

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