



CONPOL™ 20B

Additive Resin

Description			
Product Description	CONPOL™ 20B is a concentrated masterbatch made from an ethylene-methacrylic acid carrier resin. It is supplied in pellet form and is intended for blending with SURLYN™ and NUCREL™ resins to modify the surface properties of resulting films or coatings.		
Restrictions			
Material Status	Commercial: Active		
Typical Characteristics			
Uses	Packaging		
Composition	20% By Weight Anti-blocking agent		
Applications	Coefficient of Friction modifier for the surface of films or coatings made from SURLYN™ and NUCREL™ resins.		
Typical Properties			
Physical	Nominal Values	Test Method(s)	
*Density ()	1.04 g/cm ³	ASTM D792	ISO 1183
*Melt Flow Rate (190°C/2.16kg)	6.5g/10 min	ASTM D1238	ISO 1133
Thermal	Nominal Values	Test Method(s)	
*Melting Point (DSC)	99 °C (210.2 °F)	ASTM D3418	ISO 3146
Freezing Point (DSC)	84 °C (183.2 °F)	ASTM D3418	ISO 3146
Processing Information			
*Maximum Processing Temperature	310 °C (590 °F)		
General Processing Information	Intended for use by blending into SURLYN™ or NUCREL™ resins utilized in the process of extrusion to produce blown / cast films, or extrusion coatings, either in monolayer or coextrusion. Concentrations will vary depending upon application, but normally range from the addition of 1 to 5% CONPOL™ 20B into a given SURLYN™ or NUCREL™ resin.		
FDA Status Information	<p>CONPOL™ 20B Additive Resin is designed to modify the surface properties of films or coatings. This is a concentrated masterbatch product and is designed to be blended with the resin to be modified.</p> <p>CONPOL™ 20B Additive Resin complies with 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 used in contact with 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.</p> <p>The information and certifications provided herein are based on data we believe to be reliable, to the best of our knowledge. The information and certifications apply only to the specific material designated herein as sold by Dow and do not apply to use in any process or in combination with any other material. They are provided at the request of and without charge to our customers. Accordingly, Dow cannot guarantee or warrant such certifications or information and assumes no liability for their use.</p>		
Regulatory Information	For Regulatory status outside the United States, please consult with your local Dow representative.		

Safety & Handling

For information on appropriate Handling & Storage of this polymeric resin, please refer to the material Safety Data Sheet.

A Product Safety Bulletin, material Safety Data Sheet, and/or more detailed information on extrusion processing and/or compounding of this polymeric resin for specific applications are available from your Dow representative.

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- b. use in cardiac prosthetic devices regardless of the length of time involved (“cardiac prosthetic devices” include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems, and ventricular bypass-assisted devices);
- c. use as a critical component in medical devices that support or sustain human life; or
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