DuPont™ Conpol™ 20S2

**Conpol™ resins Product Data Sheet**

### Description

**Product Description**

DuPont™ Conpol® 20S2 is a concentrated masterbatch made from an ethylene-methacrylic acid carrier resin. It is supplied in pellet form and is intended for blending with DuPont 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 Amide type slip agent

**Applications**

Coefficient of Friction modifier for the surface of films or coatings made from DuPont Surlyn® and Nucrel® resins.

### Typical Properties

**Physical**

- **Density (g/cm³)**: 0.94
- **Melt Flow Rate (190°C/2.16kg)**: 55 g/10 min

**Nominal Values**

Test Method(s)

<table>
<thead>
<tr>
<th>Density</th>
<th>Melt Flow Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.94</td>
<td>55</td>
</tr>
</tbody>
</table>

**Thermal**

- **Melting Point (DSC)**: 95°C (203°F)
- **Freezing Point (DSC)**: 83°C (181°F)

**Nominal Values**

Test Method(s)

<table>
<thead>
<tr>
<th>Melting Point</th>
<th>Freezing Point</th>
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</thead>
<tbody>
<tr>
<td>95°C</td>
<td>83°C</td>
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</tbody>
</table>

### Processing Information

**General**

- **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 20S2 into a given Surlyn® or Nucrel® resin.

### FDA Status Information

CONPOL™ 20S2 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.
CONPOL™ 20S2 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.

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Regulatory Information
For Regulatory status outside the United States, please consult with your local DuPont 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 DuPont Packaging and Industrial Polymers representative.

Read and Understand the Material Safety Data Sheet (MSDS) before using this product

Regional Centres
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This data sheet is effective as of 08/07/2010 05:44:33 PM and supersedes all previous versions.