**DuPont™ Conpol™ 10AF**

**Description**

**Product Description**

DuPont™ Conpol® 10AF 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 to induce an anti-fogging effect on the resulting film surface.

**Restrictions**

**Material Status**

- Commercial: Active

**Typical Characteristics**

**Uses**

- Film

**Composition**

- 10 % By Weight Anti-fogging agent

**Applications**

Film with anti-fog capabilities for use in refrigerated food packaging primarily.

**Typical Properties**

<table>
<thead>
<tr>
<th><strong>Physical</strong></th>
<th><strong>Nominal Values</strong></th>
<th><strong>Test Method(s)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Density ()</td>
<td>0.95 g/cm³</td>
<td>ASTM D792</td>
</tr>
<tr>
<td>Melt Flow Rate (190°C/2.16kg)</td>
<td>22.5 g/10 min</td>
<td>ASTM D1238</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Thermal</strong></th>
<th><strong>Nominal Values</strong></th>
<th><strong>Test Method(s)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting Point (DSC)</td>
<td>98°C (208°F)</td>
<td>ASTM D3418</td>
</tr>
<tr>
<td>Freezing Point (DSC)</td>
<td>78°C (172°F)</td>
<td>ASTM D3418</td>
</tr>
</tbody>
</table>

**Processing Information**

**General**

- Maximum Processing Temperature 260°C (500°F)

**General Processing Information**

Intended for use by blending into Surlyn® or Nucrel® resins utilized in the process of extrusion to produce blown or cast films, either in monolayer or coextrusion. Concentrations will vary depending upon application, but normally range from the addition of 5 to 15% Conpol 10AF into a given Surlyn® or Nucrel® resin.

**FDA Status Information**

CONPOL™ 10AF 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™ 10AF 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.

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 DuPont 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, DuPont cannot guarantee or warrant such certifications or information and assumes no liability for their use.

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
DuPont operates in more than 70 countries. For help finding a local representative, please contact one of the following regional customer contact centers:

**Americas**
DuPont Company
Chestnut Run Plaza – Bldg. 730
974 Centre Road
Wilmington, Delaware
19805 U.S.A.
Toll-Free (USA): 1-800-628-6208
Telephone: 1-302-774-1000
Fax: 1-302-355-4013

**Asia Pacific**
DuPont China Holding Co., Ltd.
Shanghai Branch
399 Keyuan Road, Bldg. 11
Zhangjiang Hi-Tech Park
Pudong New District, Shanghai
P.R. China (Postcode: 201203)
Telephone +86 21 3862 2888
Fax +86-21-3862-2889

**Europe / Middle East / Africa**
DuPont de Nemours Int’l. S.A.
2, Chemin du Pavilion Box 50
CH-1218 Le Grand Saconnex
Geneva, Switzerland
Telephone +41 22 717 51 11
Fax +41 22 717 55 00

DuPont do Brasil, S.A.
Alameda Itapeveru, 506
06454-080 Barueri, SP Brasil
Telephone: +55 11 4166 8000
Fax: +55 11 4166 8736

http://conpol.dupont.com

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