**描述**

**产品描述**
DuPont™ Elvax® 4355 是一种乙烯-醋酸乙烯酯／酸共聚树脂，用于工业应用。

**限制**

**材料状态**
- 商业：活跃
**可用性**
- 全球

**典型特性**

**组成**
- 25% 重量 壬酸酯共聚物含量
- 1 wt% 甲基丙烯酸
- 热稳定剂
- BHT 抗氧剂

**特点/益处**
- 高分子量树脂，适用于高温高粘系统。
- 效果最好于 4300 系列树脂，在赋予韧性和弹性方面，以及与蜡的混合物中。

**应用**
Elvax® 树脂可用于各种应用，包括注塑成型、混合、挤出、粘合剂、密封剂和蜡混合物。有关特定应用的更多信息和属性，请参阅 Elvax® 网站上的工业应用的等级选择指南。

**典型性质**

<table>
<thead>
<tr>
<th>物理</th>
<th>名义值</th>
<th>测试方法</th>
</tr>
</thead>
<tbody>
<tr>
<td>密度（g/cm³）</td>
<td>0.952</td>
<td>ASTM D792, ISO 1183</td>
</tr>
<tr>
<td>熔融流动速率（190°C/2.16kg）</td>
<td>6 g/10 min</td>
<td>ASTM D1238, ISO 1133</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>热力</th>
<th>名义值</th>
<th>测试方法</th>
</tr>
</thead>
<tbody>
<tr>
<td>熔点（DSC）</td>
<td>76°C (169°F)</td>
<td>ASTM D3418, ISO 3146</td>
</tr>
</tbody>
</table>

**处理信息**

**一般**
- 最高加工温度：230°C (446°F)

**一般处理信息**
Elvax® 树脂可以用作典型的热塑性塑料加工方法来加工，包括注塑成型、结构泡沫成型、片材和形状挤出、吹塑成型和线材涂层。它们也可以被加工成普通的橡胶加工技术，如班伯里、两辊磨粉机和压缩成型。
Elvax can be used in conventional extrusion equipment designed to process polyethylene resins. However, corrosion-protected barrels, screws, adapters, and dies are recommended, since, at sustained melt temperatures above 446°F (230°C), ethylene vinyl acetate (EVA) resins may thermally degrade and release corrosive by-products.

FDA Status Information

ELVAX® 4355 EVA Resin complies with 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.

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:

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