

Technical Data

产品说明

DuPont™ Fusabond® E MB100D is a chemically modified polyethylene. Compatibilizer; coupling agent for nonhalogen, flame-retarded Wire & Cable compounds containing fillers such as aluminum trihydrate (ATH) or magnesium hydroxide (Mg(OH)2) or for natural fiber (wood) plastic compounds.

总体

|          |                                          |                 |                |
|----------|------------------------------------------|-----------------|----------------|
| 材料状态     | • 已商用：当前有效                               |                 |                |
| 搜索 UL 黄卡 | • DuPont Packaging & Industrial Polymers |                 |                |
| 供货地区     | • 北美洲<br>• 非洲和中东                         | • 拉丁美洲<br>• 南美洲 | • 欧洲<br>• 亚太地区 |
| 性能特点     | • 高密度                                    |                 |                |
| 机构评级     | • FDA 21 CFR 175.105                     |                 |                |
| 形式       | • 颗粒料                                    |                 |                |

| 物理性能                | 额定值   | 单位制      | 测试方法                   |
|---------------------|-------|----------|------------------------|
| 比重                  | 0.960 | g/cm³    | ASTM D792              |
| 熔速率 (190°C/2.16 kg) | 2.0   | g/10 min | ASTM D1238<br>ISO 1133 |

| 机械性能                  | 额定值  | 单位制 | 测试方法           |
|-----------------------|------|-----|----------------|
| 抗张强度                  |      |     |                |
| 屈服, 20°C <sup>2</sup> | 26.0 | MPa | ASTM D638      |
| 断裂, 20°C <sup>2</sup> | 29.0 | MPa | ASTM D638      |
| 断裂, 20°C              | 29.0 | MPa | ISO 527-2/1270 |
| 伸长率                   |      |     |                |
| 断裂, 20°C <sup>2</sup> | 1300 | %   | ASTM D638      |
| 断裂, 20°C              | 1300 | %   | ISO 527-2/1270 |

| 硬度           | 额定值 | 单位制 | 测试方法                  |
|--------------|-----|-----|-----------------------|
| 硬度计硬度 (邵氏 D) | 70  |     | ASTM D2240<br>ISO 868 |

| 热性能    | 额定值   | 单位制 | 测试方法                  |
|--------|-------|-----|-----------------------|
| 脆化温度   | -70.0 | °C  | ASTM D746             |
| 维卡软化温度 | 127   | °C  | ASTM D1525<br>ISO 306 |
| 熔融温度   | 134   | °C  | DSC<br>ISO 3146       |

备注

<sup>1</sup> 一般属性：这些不能被视为规格。

<sup>2</sup> 类型 4, 1300 mm/min

# Fusabond® E MB100D

高密度聚乙烯

DuPont Packaging & Industrial Polymers



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## 购买地点

### 供应商

#### DuPont Packaging & Industrial Polymers

Wilmington, DE USA

电话: 800-628-6208

Web: [http://www2.dupont.com/Packaging\\_Resins/en\\_US/](http://www2.dupont.com/Packaging_Resins/en_US/)

### 分销商

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电话: 888-594-6009

Web: <http://www.nexeosolutions.com/>

供货地区: North America

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