

# Eltex® MED PH27D630

低密度聚乙烯

INEOS Olefins & Polymers Europe

## Technical Data

### 产品说明

Low Density Polyethylene for Pharmaceutical Blow Moulding

#### Benefits & Features

Eltex® MED PH27D630 is a LD-polyethylene produced in a high-pressure process intended for blow moulding of soft and flexible packages for pharmaceutical products.

Eltex® MED PH27D630 is produced according to good manufacturing practice and is additive-free.

Eltex® MED PH27D630 is available in granular form.

#### Applications

Eltex® MED PH27D630 can be used in "blow-fill and seal" machines for the production ampoules and bottles. The product can also be used for pharmaceutical products manufactured with other conversion techniques such as injection moulding and film blowing.

Eltex® MED PH27D630 will withstand heating up to 110°C and therefore units made from this product may be steam treated to max. 110°C.

### 总体

|          |                      |                |            |
|----------|----------------------|----------------|------------|
| 特性       | • 低密度<br>• 良好的柔韧性    | • 柔软<br>• 无添加剂 | • 用蒸汽消毒    |
| 用途       | • 瓶子                 | • 药品包装         | • 药物       |
| 机构评级     | • EP Monograph 3.1.4 | • USP 29       | • USP 第VI类 |
| RoHS 合规性 | • 联系制造商              |                |            |
| 形式       | • 颗粒                 |                |            |
| 加工方法     | • 吹塑薄膜               | • 吹塑成型         | • 注射成型     |

| 物理性能                           | 额定值 (英制)                | 额定值 (公制)                | 测试方法         |
|--------------------------------|-------------------------|-------------------------|--------------|
| 密度                             | 0.927 g/cm <sup>3</sup> | 0.927 g/cm <sup>3</sup> | ISO 1183     |
| 熔流率 (熔体流动速率) (190°C/2.16 kg)   | 0.30 g/10 min           | 0.30 g/10 min           | ISO 1133     |
| 机械性能                           | 额定值 (英制)                | 额定值 (公制)                | 测试方法         |
| 拉伸模量                           | 50800 psi               | 350 MPa                 | ISO 527-2/1  |
| 拉伸应力 (屈服)                      | 1740 psi                | 12.0 MPa                | ISO 527-2/50 |
| 拉伸应变 (断裂)                      | 350 %                   | 350 %                   | ISO 527-2/50 |
| 硬度                             | 额定值 (英制)                | 额定值 (公制)                | 测试方法         |
| 肖氏硬度 (邵氏 D)                    | 52                      | 52                      | ISO 868      |
| 热性能                            | 额定值 (英制)                | 额定值 (公制)                | 测试方法         |
| 热变形温度 (66 psi (0.45 MPa), 未退火) | 124 °F                  | 51.0 °C                 | ISO 75-2/B   |
| 挤出                             | 额定值 (英制)                | 额定值 (公制)                |              |
| 熔体温度                           | 329 到 392 °F            | 165 到 200 °C            |              |