

INEOS LDPE 19N430

低密度聚乙烯

INEOS Olefins & Polymers Europe

PROSPECTOR®

www.ulprospector.com

Technical Data

产品说明

Additive free LDPE homopolymer extrusion coating, injection moulding and compounding product

Benefits & Features

19N430 special polymer structure gives the following properties:

For extrusion coating:

- Well balanced Neck In and Draw Down performance
- Good adhesion performance and sealing properties

For injection moulding and compounding:

- Excellent flexibility
- Good transparency
- Absence of any kind of additive allowing tailor formulation of specific compounds and master-batches

Applications

Extrusion coating and laminating grade designed for a medium to high coating line speed.

19N430 is also suitable for injection moulding of flexible products (caps and closures, food containers, soft tubes, technical parts) as well as for the production of compounds.

总体

材料状态	• 已商用 : 当前有效
资料 ¹	• Technical Datasheet (English)
搜索 UL 黄卡	• INEOS Olefins & Polymers Europe
供货地区	• 欧洲
特性	• 低密度 • 均聚物 • 良好的柔韧性 • 良好粘结性 • 无添加剂
用途	• 层压板 • 复合 • 管件 • 护罩 • 母料 • 食品容器 • 涂层应用 • 外壳
RoHS 合规性	• 联系制造商
外观	• 清晰/透明
形式	• 粒子
加工方法	• 层压法 • 复合 • 挤出涂层 • 注射成型

物理性能	额定值 (英制)	额定值 (公制)	测试方法
密度 (73°F (23°C))	0.920 g/cm ³	0.920 g/cm ³	ISO 1183
熔流率 (熔体流动速率) (190°C/2.16 kg)	7.5 g/10 min	7.5 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 (73°F (23°C), 注塑)	24700 psi	170 MPa	ISO 527-2/1BA/1
拉伸应力			ISO 527-2/50
屈服, 73°F (23°C), 模压成型	1310 psi	9.00 MPa	
断裂, 73°F (23°C), 模压成型	1450 psi	10.0 MPa	
拉伸应变 (断裂, 73°F (23°C), 模压成型)	550 %	550 %	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, 1 秒, 模压成型)	47	47	ISO 868
热性能	额定值 (英制)	额定值 (公制)	测试方法
维卡软化温度	189 °F	87.0 °C	ISO 306/A50
熔融温度 ³	226 °F	108 °C	ISO 11357-3



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注射	额定值 (英制)	额定值 (公制)
加工 (熔体) 温度	374 到 482 °F	190 到 250 °C
挤出	额定值 (英制)	额定值 (公制)
熔体温度	536 到 617 °F	280 到 325 °C

备注

¹ 通过这些链接您能够访问供应商资料。我们尽量保证及时更新资料；不过您可以从供应商处了解最新资料。

² 一般属性：这些不能被视为规格。

³ DSC 2nd heating 10°C/min



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购买地点

供应商

INEOS Olefins & Polymers Europe

, Belgium

电话: +32-2264-3808

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

分销商

Biesterfeld Plastic GmbH

Biesterfeld Plastic GmbH is a Pan European distribution company. Contact Biesterfeld Plastic GmbH for availability of individual products by country.

电话: +49-40-32008-0

Web: <http://www.biesterfeld-plastic.com/>

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