

# INEOS LDPE 20P430

## Low Density Polyethylene

### INEOS Olefins & Polymers Europe

#### 产品说明

##### Applications

20P430 is a versatile extrusion coating resin with excellent draw down. With this grade higher line speeds, lower coating weights or lower melt temperatures are possible. 20P430 coated substrates such as paper, board and aluminium can be used for packaging food and liquids, powders, medical devices, agricultural materials, chemicals and many other products.

20P430 is also suitable for injection molding of flexible products.

##### Benefits and Features

20P430 is an additive free low density ethylene homopolymer. Its special polymer structure gives the following properties:

Excellent draw down ability combined with reasonable neck in and stable web edge

Good processability at high line speeds, low coating weights or lower melt temperatures

Low fumes during extrusion

Good organoleptical properties

Good adhesion on many substrates

Very good heat sealing properties

High purity and very low gel level

基本信息			
特性	纯度高 均聚物 良好的热封性	刺激性气体低至无 良好的剥离性 良好粘结性	低速凝固晶点 良好的感官特征 内缩量低
用途	农业应用 医用包装	食品包装 纸张涂料	涂层应用
RoHS 合规性	联系制造商		
形式	粒子		
加工方法	挤出涂层		
物理性能	额定值	单位制	测试方法
密度 <sup>1</sup>	0.921	g/cm <sup>3</sup>	ISO 1183/D
熔流率(熔体流动速率) (190°C/2.16 kg)	8.8	g/10 min	ISO 1133
硬度	额定值	单位制	测试方法
肖氏硬度 (邵氏 D, 模压成型)	44		ISO 868
机械性能	额定值	单位制	测试方法
拉伸应力			ISO 527-2
屈服, 模压成型	11.0	MPa	ISO 527-2
断裂, 模压成型	10.0	MPa	ISO 527-2
拉伸应变 (断裂, 模压成型)	600	%	ISO 527-2
热性能	额定值	单位制	测试方法
维卡软化温度	87.0	°C	ISO 306/A50
熔融温度	108	°C	DSC
挤出	额定值	单位制	
熔体温度	260 到 325	°C	
备注			
1.	Conditioned according to ISO 1872/1		