

Petrothene® NA205000X01

低密度聚乙烯

LyondellBasell Industries

Technical Data

产品说明

PETROTHENE NA205000X01 is an extrusion coating resin especially recommended for high-speed, light weight coating applications. The resin can be drawn to a 3 lb/ream coating weight at line speeds in excess of 1,500 fpm with minimum neck-in and no edge weave. It is recommended for locker wraps, sugar pouches, industrial and multi-wall bags and laminations.

总体

特性	• 可加工性, 良好
用途	• 层压板 • 涂层应用
加工方法	• 挤出涂层

物理性能	额定值	单位制	测试方法
密度	0.918	g/cm ³	ASTM D1505
熔流率 (熔体流动速率) (190°C/2.16 kg)	16	g/10 min	ASTM D1238
机械性能	额定值	单位制	测试方法
抗张强度	10.3	MPa	ASTM D638
伸长率 ³ (断裂)	640	%	ASTM D638
弯曲模量	212	MPa	ASTM D790
硬度	额定值	单位制	测试方法
肖氏硬度 (邵氏 D)	56		ASTM D2240
热性能	额定值	单位制	测试方法
维卡软化温度	85.0	°C	ASTM D1525
挤出	额定值	单位制	
熔体温度	310 到 327	°C	

挤压说明

It is recommended that a melt temperature of 590°F - 620°F be used for light-weight coating applications in conjunction with electrostatic, flame or chemical priming to insure good adhesion. The maximum recommended melt temperature for NA205000X01 is 625°F.