

Petrothene® LB500301

聚乙烯

LyondellBasell Industries

Technical Data

Product Description		
Petrothene LB500301 is a polyethylene resin that exhibits excellent environmental stress crack resistance and is selected by customers for use in heavy duty bottles, such as those containing detergent and chemicals.		
General		
Features	• Good ESCR (Stress Crack Resist.)	
Uses	• 包装 • 瓶子 • 工业应用 • 硬包装	
Automotive Specifications	• GM GMW16426P-PE-T2 Color: Natural	
Processing Method	• 挤出吹塑成型	
Physical	额定值 单位制	测试方法
Density ³	0.949 g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30 g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (ESCR) 100% Igepal, F50	75.0 hr	ASTM D1693B
Mechanical	额定值 单位制	测试方法
Tensile Strength (屈服)	26.2 MPa	ASTM D638
Tensile Elongation (断裂)	> 600 %	ASTM D638
Flexural Modulus - 1% 正割	1170 MPa	ASTM D790
Impact	额定值 单位制	测试方法
Tensile Impact Strength	252 kJ/m²	ASTM D1822
Hardness	额定值 单位制	测试方法
Durometer Hardness (邵氏 D)	65	ASTM D2240
Thermal	额定值 单位制	测试方法
Deflection Temperature Under Load 0.45 MPa, 未退火	72.0 °C	ASTM D648
Brittleness Temperature	< -76.1 °C	ASTM D746
Vicat Softening Temperature	122 °C	ASTM D1525

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 23°C