

Braskem PE HE 150

高密度聚乙烯

Braskem

Technical Data

Product Description

HE150 resin is a High Density Polyethylene that has been specially designed for monofilament extrusion process and provides a good balance of processability, spinnability, knotting strength as well as a very low gels amount. It can also be blended with LLDPE to improve blown film stiffness.

Applications:
Raschel; shading and protecting nets; ropes; films.

Additives:
Processing aid additive.

Process:
The optimum processing conditions vary with the type of equipment used in the production.

General

Features	• 低速凝固晶点	• 良好的加工性能
Uses	• Blown Film • 薄膜	• 单丝 • 绳索
Agency Ratings	• FDA 21 CFR 177.1520	• 网织品
Processing Method	• 吹塑薄膜	• 细丝挤出

Physical	额定值 单位制	测试方法
Density / Specific Gravity	0.948 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0 g/10 min	ASTM D1238
Mechanical	额定值 单位制	测试方法
Tensile Strength		ASTM D638
屈服, 模压成型	28.0 MPa	
断裂, 模压成型	40.0 MPa	
Flexural Modulus - 1% 正割 (模压成型)	1280 MPa	ASTM D790
Hardness	额定值 单位制	测试方法
Durometer Hardness (邵氏 D, 模压成型)	62	ASTM D2240
Thermal	额定值 单位制	测试方法
Deflection Temperature Under Load		ASTM D648
0.45 MPa, 未退火, 模压成型	76.0 °C	
Vicat Softening Temperature	128 °C	ASTM D1525 ³

