Braskem PE HE 150

High Density Polyethylene

Braskem

Message:

Description:

HE150 resin is a High Density Polyethylene, copolymer of butene-1, produced by Spherilene process. It 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. It contains processing aid and antioxidant additives.

Application:

Raschel; shading and protecting nets; ropes.

Additive Antioxidant Processing Aid Features Antioxidant Butene Comonomer Copolymer Food Contact Acceptable Goed Processability High Density Low (to None) Cadmium Content Low Gel Uses Blending Monofilaments Netting Rope Agency Ratings FDA 21 CFR 177.1520 Forms Pellets Processing Method Specific Gravity Oya Motinal Value Muti Mass-Flow Rate (MMR) (190°C/2.16 kg) 1.0 g/10 min Specific Gravity 0.948 Morinal Value Unit Test Method Durometer Hardness (Shore P.) 62 Compression Modded) 62 Mechanicad Nominal Value Usit Test Method	General Information					
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Compression Molded) 62 ASTM D2240						
Mechanical Nominal Value Unit Test Method		62		ASTM D2240		
	Mechanical	Nominal Value	Unit	Test Method		

Tensile Strength			ASTM D638
Yield, Compression Molded	28.0	MPa	
Break, Compression Molded	40.0	MPa	
Flexural Modulus - 1% Secant			
(Compression Molded)	1280	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45			
MPa, Unannealed, Compression Molded)	76.0	°C	ASTM D648
Vicat Softening Temperature	128	°C	ASTM D1525 ¹
NOTE			
	Loading 1 (10 N)		

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