

Braskem PE HD7600U

High Density Polyethylene

Braskem

Message:

HD7600U is a High Density Polyethylene (HDPE), copolymer, developed for use in LLDPE and LDPE blends, special for shrink films. This product has gels control and optimized additive for this application.

Application:
LLDPE and LDPE blends for shrink films.

Process:
Blow films.

General Information			
Features	Copolymer		
Uses	Blown Film		
	Films		
	Mixing		
	Shrinkable film		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.954	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance			ASTM D1693
50°C, 2.00mm, 10% Igepal, molded, F50	100	hr	ASTM D1693
50°C, 2.00mm, 100% Igepal, molded, F50	200	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Compression Molded)	64		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, molding	30.0	MPa	ASTM D638
Fracture, molding	33.0	MPa	ASTM D638
Flexural Modulus - 1% Secant (Compression Molded)	1140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (Compression Molded)	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Compression Molded)	66.0	°C	ASTM D648
Vicat Softening Temperature	128	°C	ASTM D1525 ¹

NOTE

1. 压力1 (10N)

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

