

Braskem PE HD7600M

High Density Polyethylene

Braskem

Message:

HD7600M 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.

Applications:
LLDPE and LDPE blends for shrink films.

Process:
Blown 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	0.959	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.33	g/10 min	ASTM D1238
190°C/21.6 kg	24	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance			ASTM D1693
50°C, 2.00mm, 10% Igepal, molded, F50	45.0	hr	ASTM D1693
50°C, 2.00mm, 100% Igepal, molded, F50	100	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	32.0	MPa	ASTM D638
Fracture, molding	34.0	MPa	ASTM D638
Flexural Modulus - 1% Secant (Compression Molded)	1550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (Compression Molded)	300	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Compression Molded)	84.0	°C	ASTM D648

Vicat Softening Temperature	130	°C	ASTM D1525 ¹
NOTE			

1. 压力1 (10N)

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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

