

HP0322N

LDPE for Blown Film Extrusion

Low Density Polyethylene HP0322N contains no slip and anti-block additives, suitable for film thicknesses of 65 - 250 μm . HP0322N may be processed using conventional blown film technique and offers outstanding toughness and good optical properties.

NOTICE: The information and data contained herein are believed to be correct and given in good faith, but because of the many particular factors which are outside our knowledge and control and affect the use of product, no warranty is given or is to be implied with respect to such information, nor do we offer any warranty of immunity against infringement.

Saudi Basic Industries Corporation
P.O.Box 5101, Riyadh 11422
Kingdom of Saudi Arabia
Tel: 966 1 2258000
Fax: 966 1 2259000
Customers Technical Support
Tel: 966 1 2651661
Fax: 966 1 2653544
Toll-free 800 1245577
PE Sales:
Fax: 966 1 2258760
Website: www.sabic.com

Typical Applications

Heavy duty bags, industrial shrink films, construction films and agricultural films.

Physical Properties		Unit	Value ⁽¹⁾	ASTM Method
Melt index		g/10 min.	0.31	D-1238
Density		g/cm^3	0.922	D-1505
Vicat softening point		$^{\circ}\text{C}$	95	D-1525
Film Properties *				
Tensile @ break	MD	MPa	31	D-882
	TD		30	
Yield point	MD	MPa	11	D-882
	TD		10	
Elongation @ break	MD	%	450	D-882
	TD		690	
1% Secant modulus	MD	MPa	190	D-882
	TD		220	
Dart drop impact		$\text{g}/\mu\text{m}$	4	D-1709
Elmendorf tear	MD	$\text{g}/\mu\text{m}$	9	D-1922
	TD		8	
Haze		%	11	D-1003
Gloss 45° angle		-	50	D-2457

* The film properties have been measured on HP0322N (50 μ film, 2.5:1 blow-up ratio)

(1) Typical values should not be construed as specification limits.

Processing Conditions

Melt temperature = 190 $^{\circ}\text{C}$

Blow-up ratio = 2.5 - 3.0:1

Food Regulation

Certificate is available on request.