

# HP0722N

LDPE for Blown Film Extrusion

Low Density Polyethylene HP0722N contains no slip and anti-block additives, suitable for film thicknesses of 40 - 120  $\mu\text{m}$ . HP0722N can be extruded 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

Medium duty bags, agricultural films, shopping bags, shrink film, frozen food films and lamination films.

Physical Properties		Unit	Value <sup>(1)</sup>	ASTM Method
Melt index		g/10 min.	0.75	D-1238
Density		$\text{g/cm}^3$	0.922	D-1505
Vicat softening point		$^{\circ}\text{C}$	95	D-1525
Film Properties *				
Tensile @ break	MD	MPa	27	D-882
	TD		23	
Yield point	MD	MPa	10	D-882
	TD		9	
Elongation @ break	MD	%	400	D-882
	TD		650	
1% Secant modulus	MD	MPa	180	D-882
	TD		200	
Dart drop impact		$\text{g}/\mu\text{m}$	3	D-1709
Elmendorf tear	MD	$\text{g}/\mu\text{m}$	8	D-1922
	TD		6	
Haze		%	9	D-1003
Gloss 45° angle		-	60	D-2457

\* The film properties have been measured on HP0722N (50  $\mu$  film, 2.5:1 blow-up ratio)

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

## Processing Conditions

Melt temperature = 175  $^{\circ}\text{C}$

Blow-up ratio = 2.5 -3.0:1

## Food Regulation

Certificate is available on request.