

شركة الشرق الأوسط للكيماويات والبوليمر ش.م.م Middle East Polymers & Chemicals. L.L.C

HP0722N

LDPE for Blown Film Extrusion

Low Density Polyethylene HP0722N contains no slip and antiblock additives, suitable for film thicknesses of 40 - 120 µm. 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.

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Typical Applications

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

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

* The film properties have been measured on HP0722N (50 μ film, 2.5:1 blow-up ratio) (1) Typical values should not be construed as specification limits.

Processing Conditions

Melt temperature = 175 °CBlow-up ratio = 2.5 - 3.0:1

Food Regulation

Certificate is available on request.

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The provided data sheets and parameters are according to original manufacturers records and specifications, MEPC may no guarantee of outcome in individual applications, It is recommended that clients makes their own assessment of suitability of the commodity.

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