

SABIC® LLDPE 118W

Polietileno lineal de baja densidad

Saudi Basic Industries Corporation (SABIC)



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Technical Data

Descripción del Producto

SABIC® LLDPE 118W is a butene-linear low density polyethylene resin for general purpose applications. Films produced from this resin are tough with excellent puncture resistance, high tensile strength and good hottack properties. The resin contains anti block and slip erucamide.

Typical applications for SABIC® LLDPE 118W are shipping sacks, ice bags, frozen food bags, liners, carrier bags, garbage bags, agriculture films, lamination and coextruded films, shrink film (for blending with LDPE), industrial consumer packaging and high clarity film if blended with (10-20%) LDPE.

The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical/medical applications.

General

Estado del Material	• Comercial: Activo		
Documentación ¹	• Processing - BOPP Film (English) • Processing - Cast Film (English) • Processing - Tape (English) • Technical Datasheet (English)		
Búsqueda por Tarjeta amarilla UL	• Saudi Basic Industries Corporation (SABIC)		
Disponibilidad	• Europa		
Aditivo	• Antibloqueo (3500 ppm)	• Antioxidante	• Erucamida, deslizamiento (1500 ppm)
Características	• Antibloqueante • Antioxidante • Buena dureza	• Comonomero de buteno • Contacto con alimentos aceptable • Deslizamiento	• Resistencia alta a la tensión • Resistente a la perforación • Uso general
Usos	• Bolsas • Envases	• Envases de alimentos • Film	• Revestimientos
Formas	• Pellets		
Método de Procesamiento	• Película soplada		

Prop. físicas	Valor Típico	Unidad	Método de Ensayo
Densidad	0,918	g/cm³	ISO 1183/A
Velocidad de Fundido (190°C/2,16 kg)	1,0	g/10 min	ISO 1133
Prop. mecánicas	Valor Típico	Unidad	Método de Ensayo
Coefficiente de fricción (Película Soplada)	0,10		ISO 8295
Películas	Valor Típico	Unidad	Método de Ensayo
Espesor de la película	50	µm	
Módulo de tensión			ISO 527-3
DM: 50 µm, Película Soplada	160	MPa	
DT: 50 µm, Película Soplada	180	MPa	
Resistencia a la tracción			ISO 527-3
DM: Punto de Fluencia, 50 µm, Película Soplada	11,0	MPa	
DT: Punto de Fluencia, 50 µm, Película Soplada	11,0	MPa	
DM: Rotura, 50 µm, Película Soplada	37,0	MPa	
DT: Rotura, 50 µm, Película Soplada	30,0	MPa	
Elongación			ISO 527-3
DM: Rotura, 50 µm, Película Soplada	600	%	
DT: Rotura, 50 µm, Película Soplada	800	%	
Elmendorf Tear Strength ³			ISO 6383-2
MD: 50,0 µm	40,0	kN/m	
TD: 50,0 µm	120,0	kN/m	
Impacto	Valor Típico	Unidad	Método de Ensayo
Impact Strength - Blown Film (50,0 µm)	220	J/cm	ASTM D4272
Prop. térmicas	Valor Típico	Unidad	Método de Ensayo
Temperatura de Ablandamiento Vicat	101	°C	ISO 306/B

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Prop. térmicas	Valor Típico Unidad	Método de Ensayo
Temperatura de fusión (calorimetría de barrido diferencial, DSC)	121 °C	Internal Method
Prop. ópticas	Valor Típico Unidad	Método de Ensayo
Brillo (45°, 50,0 µm, Película Soplada)	42	ASTM D2457
Opacidad (50,0 µm, Película Soplada)	20 %	ASTM D1003A
Información adicional	Valor Típico Unidad	Método de Ensayo
Blocking - Blown Film	15 g	Internal Method
Puncture Resistance - Blown Film (50,0 µm)	380 J/m	Internal Method
Re-blocking - Blown Film	10 g	Internal Method
Film of 50 µm and BUR=2 has been produced on Kiefel IBC with 140 kg/h. Die size 200 mm, die gap 2.7 mm.		

Notas

¹ Estos enlaces le proporcionan acceso a la documentación de los proveedores. Nosotros nos esforzamos por mantenerla actualizada, pero encontrará la documentación más actual de manos del proveedor.

² Propiedades típicas: éstas no deben interpretarse como especificaciones.

³ Blown Film

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Saudi Basic Industries Corporation (SABIC)

Dónde comprarlo

Proveedor

Saudi Basic Industries Corporation (SABIC)

Riyadh, Kingdom of Saudi Arabia

Teléfono: 966-1-225-8000

Internet: <http://plastics.sabic.eu/>

Distribuidor

GAZECHIM PLASTIQUES

GAZECHIM PLASTIQUES is a Pan European distribution company. Contact GAZECHIM PLASTIQUES for availability of individual products by country.

Teléfono: +33-4-67-49-55-37

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