

Formosa Plastics Formolene® HF3728 Film (Hexene) HDPE

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Film Grade

Material Notes:

High Density Polyethylene Medium Molecular weight Film Resin Formolene® HF3728 is a medium density resin that provides an excellent overall balance of tensile, impact, and tear properties in thin film. Processing performance is excellent on high stalk lines. Formolene® HF3728 meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact. Applications: Trash Can Liners, Produce and Merchandise. Information provided by Formosa Plastics Corporation, USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Formosa-Plastics-Formolene-HF3728-Film-Hexene-HDPE.php

Physical Properties	Metric	English	Comments
Density	0.937 g/cc	0.0339 lb/in³	ASTM D1505
Melt Flow	0.30 g/10 min	0.30 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
High Load Melt Index	20 g/10 min	20 g/10 min	ASTM D1238
	@Load 21.6 kg, Temperature 190 °C	@Load 47.6 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	21.4 MPa	3100 psi	2" (50mm) per min; ASTM D882
Film Tensile Strength at Yield, TD	21.4 MPa	3100 psi	2" (50mm) per min; ASTM D882
Film Elongation at Break, MD	500 %	500 %	2" (50mm) per min; ASTM D882
Film Elongation at Break, TD	600 %	600 %	2" (50mm) per min; ASTM D882
Elmendorf Tear Strength MD	50 g	50 g	ASTM D1922
Elmendorf Tear Strength TD	500 g	500 g	ASTM D1922
Dart Drop Test	130 g	0.287 lb	ASTM D1709
	@Thickness 660 mm	@Thickness 26.0 in	
Film Tensile Strength at Break, MD	42.1 MPa	6100 psi	2" (50mm) per min; ASTM D882
Film Tensile Strength at Break, TD	42.1 MPa	6100 psi	2" (50mm) per min; ASTM D882

Processing Properties	Metric	English	Comments
Blow-up Ratio (BUR)	4.0	4.0	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China