

Bapolene® 350F

High Density Polyethylene

Product Description

This resin has superior melt, good processability, bubble stability, and drawdown. This product meets US FDA 21 CFR 177.1520.

General

Features	• Good Drawdown	• Good Processability
Uses	• Bags	• Film
Agency Ratings	• FDA 21 CFR 177.1520	
Processing Method	• Blown Film	

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.950 g/cm ³	0.950 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.050 g/10 min	0.050 g/10 min	ASTM D1238

Films	Typical Value (English)	Typical Value (SI)	Test Method
Film Thickness - Tested ²	0.50 mil	13 µm	
Tensile Strength			ASTM D882
MD : Break	7500 psi	51.7 MPa	
TD : Break	4100 psi	28.3 MPa	
Tensile Elongation			ASTM D882
MD : Break	200 %	200 %	
TD : Break	200 %	200 %	
Dart Drop Impact (1.0 mil (25 µm))	200 g	200 g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	10 g	10 g	
TD	22 g	22 g	

Notes

¹ Typical properties: these are not to be construed as specifications.

² 4:1 blow-up ratio