

## Polimeri Europa Greenflex® FF 35 Ethylene Vinyl Acetate Copolymer - Blown Film Extrusion

Category : Polymer , Film , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Film Grade

### Material Notes:

Greenflex FF 35 is an ethylene vinyl acetate copolymer (EVA) for blown film extrusion. The resin shows good stretchability and sealability. Main Applications: Greenflex FF 35 is suitable for flexible packaging film having good fracture mechanical properties, for stretch hood packaging and profile extrusion. Information provided by Polimeri Europa.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polimeri-Europa-Greenflex-FF-35-Ethylene-Vinyl-Acetate-Copolymer-Blown-Film-Extrusion.php](http://www.lookpolymers.com/polymer_Polimeri-Europa-Greenflex-FF-35-Ethylene-Vinyl-Acetate-Copolymer-Blown-Film-Extrusion.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.929 g/cc	0.929 g/cc	ISO 1183
Vinyl Acetate Content	9.0 %	9.0 %	Internal Method
Thickness	30.0 - 150 microns	1.18 - 5.91 mil	Recommended
Melt Flow	0.70 g/10 min @Load 2.16 kg, Temperature 190 °C	0.70 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	94	94	ISO 868/A
Hardness, Shore D	42	42	ISO 868/A
Film Tensile Strength at Yield, MD	7.00 MPa	1020 psi	ISO 527-3
Film Tensile Strength at Yield, TD	6.00 MPa	870 psi	ISO 527-3
Film Elongation at Break, MD	480 %	480 %	ISO 527-3
Film Elongation at Break, TD	650 %	650 %	ISO 527-3
Coefficient of Friction, Dynamic	>= 0.50	>= 0.50	ISO 8295
Elmendorf Tear Strength, MD	2.038 g/micron	51.77 g/mil	ISO 6383-2
Elmendorf Tear Strength, TD	4.076 g/micron	103.5 g/mil	ISO 6383-2
Dart Drop Test	550 g	1.21 lb	F50; ISO 7765-1
Film Tensile Strength at Break, MD	27.0 MPa	3920 psi	ISO 527-3
Film Tensile Strength at Break, TD	28.0 MPa	4060 psi	ISO 527-3
1% Secant Modulus, MD	95.0 MPa	13800 psi	ISO 527-3

Mechanical Properties	Metric <sup>Pa</sup>	English <sup>psi</sup>	Comments
-----------------------	----------------------	------------------------	----------

Thermal Properties	Metric	English	Comments
Melting Point	102 °C	216 °F	Internal Method
Vicat Softening Point	75.0 °C @Load 1.00 kg	167 °F @Load 2.20 lb	ISO 306/A
Brittleness Temperature	<= -80.0 °C	<= -112 °F	ASTM D746

Optical Properties	Metric	English	Comments
Haze	3.0 %	3.0 %	ISO 14782
Gloss	75 %	75 %	45°; ASTM D2457

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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