

Linear Low Density Polyethylene Resin Thickness 0.07 mm

Description

Dr.Fixit Plastic Sheet Resin is a linear low density polyethylene with butene comonomers, with low content of slip and antiblock. This grade offers the excellent machinability on conversion lines. Films extruded from **Dr.Fixit Plastic Sheet** have high tensile strength, elongation, good toughness and outstanding puncture strength. It is available for tubular blown film processing.

Area of Application

- Producing the general purpose films, liners, food packaging, heavy duty and agricultural films.

Technical Information

Properties	Dr.Fixit Plastic Sheet	Unit	Test Method
Physical Properties			
Melt Index (190 °C, 2.16 kg)	1.0	g/10 min	ASTM D1238
Density	0.920	g/cm ³	ASTM D792
Melting Point	121	°C	ASTM D3418
Vicat Softening Point	101	°C	ASTM D1525
Film Properties*			
Tensile Strength at Break (MD/TD)	34 / 26	MPa	ASTM D882
Elongation at Break (MD/TD)	600 / 800	%	ASTM D882
Tensile Modulus, 1% Secant (MD/TD)	190 / 230	MPa	ASTM D882
Dart Impact Strength	90	g	ASTM D1709
Tear Strength (MD/TD)	100 / 300	g	ASTM D1922
Haze	13	%	ASTM D1003
Gloss (45°)	50	-	ASTM D2457
<i>* film properties obtained from 25 microns film which was blown film extruded at blow up ratio 2</i>			

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Precaution

- The recommended temperature setting is in the range of 160 - 180 °C for extruder and 170 - 190 °C for die zone.

Packaging : Roll 1.2 M x 300 M, 0.07 mm thickness

Shelf Life & Storage

- Shelf life is 12 months from the date of manufacturing.
- Stored in cool and dry place

Disclaimer

The product information and the recommendations relating to the application and end-use of Dr.Fixit products, are based on Dr.Fixit's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Dr.Fixit's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Dr.Fixit reserves the right to change the properties of its products without notice, so the company does not assume liability of any legal from this product information.



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