

MULCH FILM **MMF-30**

MIPATEX Mulching Film is made of High Strength LLDPE and LDPE Material. It's a multilayer PE Film with UV stabilizer and additives to improve the life of the soil. Mulching is a technique of adding a layer to the surface of soil around the plant with plastic film to conserve the soil's moisture that suppresses weeds growth, regulate soil temperature and prevent water loss through evaporation

PROPERTY	OBTAINED VALUE	SPECIFIED REQUIREMENT
Density, g/cc	0.928	0.908 to 0.930 g/cm ³ at 27°C (0.910 to 0.932 g/cm ³ at 23°C)
Melt Flow Index, g/10 min	0.39	Between 0.1 to 2.5 g/10 min.
Thickness, microns	31	30
Width, mm Tolerance, %	1220 0.0	(-)0 (+)5
Tensile Strength, kgf/cm ² a)Length b)Cross	201.1 206.1	200 (min.)
Elongation at break, % a)Length b)Cross	903.9 886.2	400 (min.)
Coefficient of Friction	0.34	0.22 to 0.35
Elmendorf Tear Strength, g a)Length b)Cross	100 140	(min) 2g/micron=60 (min) 4g/micron=120
Opacity, %	99.5 (-)0.5	Shall be 100 percent Tolerance (-1%)
Carbon black, percent, %	2.21	2.0 to 3.0
Carbon black dispersion	Satisfactory	Shall be satisfactory

*The test data is based on an average taken over several production runs and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specifications.

The information contained herein is accurate and reliable to the best of our knowledge and provided for reference purposes only.



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