

## Von Roll Isola IMI Irrathene® 210 Irradiated Polyethylene Film, Encapsulation Grade

Category : Polymer , Film , Thermoplastic , Polyethylene (PE)

### Material Notes:

Data provided by Von Roll Isola USA. Produced by electron bombardment of specially formulated polyethylene film used in a wide variety of electrical applications. Irrathene film is nonmelting and highly resistant to environmental stress cracking. Available thicknesses are 0.12 mm and 0.25 mm with lengthwise shrinkages at 150°C of 25% and 15% respectively. Contains antioxidant. Irrathene 210 has superior strength and encapsulation properties relative to grade 201.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Von-Roll-Isola-IMI-Irrathene-210-Irradiated-Polyethylene-Film-Encapsulation-Grade.php](http://www.lookpolymers.com/polymer_Von-Roll-Isola-IMI-Irrathene-210-Irradiated-Polyethylene-Film-Encapsulation-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 14.0 MPa	>= 2030 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 °C	221 °F	temperature Class

Electrical Properties	Metric	English	Comments
Dielectric Strength	98.0 kV/mm	2490 kV/in	Short Term
Dissipation Factor	0.00050 @Frequency 60.0 - 1.00e+7 Hz	0.00050 @Frequency 60.0 - 1.00e+7 Hz	

## Contact Songhan Plastic Technology Co.,Ltd.

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