

## Dow DOWLEX™ 2244A Linear Low Density Polyethylene, Cast Film Grade

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Film Grade

### Material Notes:

DOWLEX® 2244A Polyethylene resin is a cast film polymer having superior optics in packaging applications. This material complies with U.S. FDA Regulation 21 CFR 177.1520 c 3.2 (a) food packaging applications. The regulation should be consulted for complete details. Film properties below based on a film thickness of 25 µm. Data provided by Dow Chemical.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-DOWLEX-2244A-Linear-Low-Density-Polyethylene-Cast-Film-Grade.php](http://www.lookpolymers.com/polymer_Dow-DOWLEX-2244A-Linear-Low-Density-Polyethylene-Cast-Film-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.916 g/cc	0.0331 lb/in³	
Melt Flow	3.3 g/10 min @Load 2.16 kg	3.3 g/10 min @Load 4.76 lb	Melt flow ratio I10/I2 is 7.6.

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	20.0 MPa	2900 psi	Molded property
Film Tensile Strength at Yield, MD	7.60 MPa	1100 psi	
Film Tensile Strength at Yield, TD	6.90 MPa	1000 psi	
Tensile Strength, Yield	9.70 MPa	1410 psi	Molded property
Elongation at Break	900 %	900 %	
Film Tensile Strength at Break, MD	54.5 MPa	7900 psi	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	94.0 °C	201 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	209 °C	408 °F	Film extrusion temperature

## Contact Songhan Plastic Technology Co.,Ltd.

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