

LDPE EMERAUDE LF2021E

Product Description

LF2021E is low density polyethylene homopolymer blown film resin with good clarity.
Antiblock: 1500 ppm; Slip: 750 ppm; Thermal Stabilizer

Typical Applications

Food and Textile packaging produce bags

Technical properties

General properties and typical values	English	SI	Test Method
Density	0.921 g/cm ³	0.921 g/cm ³	Manufacturer Method
Melt Index, 190/2.16	2.0 g/10 min	2.0 g/10 min	ASTM D1238
Tensile Strength at Yield	1500 psi	10 MPa	ASTM D882
Elongation at break MD	130 %	130 %	ASTM D882
Elongation at break TD	540 %	540 %	ASTM D882
Secant Modulus MD - 1% Secant	29000 psi	200 Mpa	ASTM D882
Secant Modulus TD - 1% Secant	36000 psi	240 Mpa	ASTM D882
Peak Melting Temperature	232 °F	111 °C	Manufacturer Method

The nominal properties reported herein are typical of the product, but do not reflect normal testing variance and therefore should not be used for specification purposes. Values are rounded.

Storage and handling

Emeraude LDPE LF2021E resin is considered stable under normal ambient and anticipated storage and handling conditions. This material should be stored in a dry cool place with adequate ventilation and protected from UV-light at temperature below 50°C. Please refer to our Material Safety Data Sheet to get additional information.

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