

LDPE E4918

Low Density Polyethylene



Overview

STAR LDPE E4918 is a Low Density Polyethylene material designed for Extrusion Coating.

Applications

- Diaper liners
- General purpose clarity

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	4	g/10 min	D 1238
Density (g/cm ³)	0.922	g/cm ³	D 792
Haze	5.5	%	D1003
Specular Gloss @ 45°	70		D2457
Dart Impact	80	g/mil	D1709
Ultimate Tensile MD/TD	3500/2700	psi	D882
Elongation MD/TD	350/700	%	D882
1% Secant Modulus MD/TD	25000/29000	psi	D882

FDA Status: This product has some 21 CFR clearances.