

Petrothene

LT606932

High Density Polyethylene

Sheet Extrusion Grade

Melt Index: 0.70 Density: 0.960



Applications

Petrothene LT606932 is a high density polyethylene sheet extrusion grade selected by customers because of its excellent extrusion characteristics and low warpage. The resulting sheet exhibits good stiffness and impact properties.

Regulatory Status

Petrothene LT606932 meets the requirements of the Food and Drug Administration regulation 21 CFR 177.1520. This regulation allows the use of this olefin polymer in "... articles or components of articles intended for use in contact with food ...". Specific limitations or conditions of use may apply. Contact your Equistar product safety representative for more information.

Processing Techniques

Specific recommendations for processing LT606932 can only be made when the processing conditions, equipment and end use are known. Typical stock temperatures range from 340 to 410°F.

Typical Properties

Property	Nominal Value	Units	ASTM Test Method
Melt Index	0.70	g/10 min	D1238
Density	0.960	g/cc	D1505
Tensile Strength @ Yield	4,410	psi	D638
Elongation @ Break	1,200	%	D638
Flexural Modulus (1% Secant)	228,300	psi	D790
Tensile Impact	75	ft-lb/in.	D1822
Heat Deflection Temperature @ 66psi	73	°C	D648
Low Temperature Brittleness, F ₅₀	<-76	°C	D746
Vicat Softening Point	127	°C	D1525

These are typical values not to be construed as specification limits.