

Petrothene

NA149000

Low Density Polyethylene
Sheet Extrusion Grade

Melt Index: 4.0 Density: 0.919



Applications

Petrothene NA149000 resin exhibits an excellent balance of toughness and softness, with excellent dimensional stability. Typical applications include housewares, toys, containers and novelty items.

Regulatory Status

NA149000 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. For more information, please contact your Equistar product safety representative.

Processing Techniques

Specific recommendations for processing NA149000 can only be made when the processing conditions, equipment and end use are known.

Typical Properties

Property	Nominal Value	Units	ASTM Test Method
Melt Index	4.0	g/10 min	D1238
Density	0.919	g/cc	D1505
Tensile Strength @ Yield	1,590	psi	D638
Elongation @ Yield	640	%	D638
1% Secant Modulus	28,700	psi	D790
Low Temperature Brittleness, F ₅₀	<-76	°C	D746

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