

Petrothene

# NA204000

Low Density Polyethylene  
Extrusion Coating Grade

Melt Index: 7.0     Density: 0.918



## Applications

*Petrothene* NA204000 is a high speed, lightweight coating resin selected by customers for use with paper, films and other base stocks. This resin can be extruded at line speeds of 1200 ft/min or higher. Products made from materials coated with NA204000 typically include general-purpose flexible packaging and snack food packaging. NA204000 yields excellent adhesion and heat sealing characteristics and low neck-in.

## Regulatory Status

NA204000 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

The maximum recommended melt temperature for NA204000 is 625°F. More specific recommendations can be made only when the processing equipment, conditions and end use are known.

## Typical Properties

Property	Nominal Value	Units	ASTM Test Method
Melt Index	7.0	g/10 min	D1238
Density	0.918	g/cc	D1505
Tensile Strength	1,600	psi	D638*
Elongation	550	%	D638*
1% Secant Modulus	30,000	psi	D790
Vicat Softening Point	84	°C	D1525
Hardness, Shore D	50		D2240

\* Type IV specimen

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