

# Petrothene NA94000

## LOW DENSITY POLYETHYLENE

### Blow Molding Grade

**Melt Index** 0.25 g/10min      **Density** 0.918 g/cm<sup>3</sup>

#### Applications

PETROTHENE NA940000 is a low density homopolymer resin intended for use in blow molding applications. Excellent toughness, good clarity and processibility make NA940000 an ideal choice for flexible containers, squeeze bottles and toys.

#### Regulatory Status

NA940000 meets the requirements of the Food and Drug Administration, regulations 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.

#### Processing Techniques

Specific recommendations for processing NA940000 can only be made when the processing conditions, equipment and end use are known.

Property	Nominal Value	Units	ASTM Test Method
Melt Index	0.25	g/10 min	D 1238
Density	0.918	g/cc	D 1505
Tensile Strength @ Break	2,100	psi	D 638
Elongation @Break	>600	%	D 638
Flexural Modulus	34,000	psi	D 790
Low Temperature Brittleness, F <sub>50</sub>	<-76	°C	D 746
Heat Deflection @ 66 psi	42	°C	D 648
Vicat Softening Point	90	°C	D 1525
Hardness, Shore D	50		D 2240

These are typical values and not to be construed as specific product limits.

The information on this document is, to our knowledge, true and accurate. However, since the particular uses and the actual conditions of use of our products are beyond our control, establishing satisfactory performance of our products for the intended application is the customer's sole responsibility. All uses of