

Petrothene NA321013X01

(PE-LD)

LyondellBasell Industries

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|--------|-------------------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 2 | g/10min | ASTM D 1238 |
| Temperature | 190 | °C | - |
| Load | 2.16 | kg | - |
| Optical properties | | | |
| ASTM Data | | | |
| Gloss | 75 | - | ASTM D 2457 |
| Haze | 4.5 | % | ASTM D 1003 |
| Other properties | | | |
| Density | 923 | kg/m ³ | ASTM D 792 |
| Film Properties | | | |
| ASTM Data | | | |
| Tensile Strength at Yield, MD | 11.2 | MPa | ASTM D 882 |
| Tensile Strength at Yield, TD | 11.8 | MPa | ASTM D 882 |
| Tensile Strength at Break, MD | 22 | MPa | ASTM D 882 |
| Tensile Strength at Break, TD | 16.5 | MPa | ASTM D 882 |
| Elongation at Break, MD | 325 | % | ASTM D 882 |
| Elongation at Break, TD | 605 | % | ASTM D 882 |
| Type of extrusion | blown | - | - |
| Thickness of specimen | 0.0508 | mm | - |

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion

Applications

Packaging

Special Characteristics

High impact or impact modified

Regional Availability

North America

Features

Homopolymer