

**Petrothene NA340185**

(PE-LD+EVAC)

LyondellBasell Industries

| Processing/Physical Characteristics | Value         | Unit    | Test Standard |
|-------------------------------------|---------------|---------|---------------|
| <b>ASTM Data</b>                    |               |         |               |
| Melt Flow Index, MFI                | <b>1</b>      | g/10min | ASTM D 1238   |
| Temperature                         | <b>190</b>    | °C      | -             |
| Load                                | <b>2.16</b>   | kg      | -             |
| <b>Thermal properties</b>           |               |         |               |
| <b>ASTM Data</b>                    |               |         |               |
| Vicat Temperature                   | <b>95</b>     | °C      | ASTM D 1525   |
| <b>Optical properties</b>           |               |         |               |
| <b>ASTM Data</b>                    |               |         |               |
| Gloss                               | <b>75</b>     | -       | ASTM D 2457   |
| Haze                                | <b>4</b>      | %       | ASTM D 1003   |
| <b>Film Properties</b>              |               |         |               |
| <b>ASTM Data</b>                    |               |         |               |
| Tensile Strength at Break, MD       | <b>25.5</b>   | MPa     | ASTM D 882    |
| Tensile Strength at Break, TD       | <b>21.4</b>   | MPa     | ASTM D 882    |
| Elongation at Break, MD             | <b>340</b>    | %       | ASTM D 882    |
| Elongation at Break, TD             | <b>500</b>    | %       | ASTM D 882    |
| Type of extrusion                   | <b>blown</b>  | -       | -             |
| Thickness of specimen               | <b>0.0318</b> | mm      | -             |

**Characteristics****Processing**

Blown Film Extrusion, Film Extrusion

**Additives**

Antiblocking agent

**Special Characteristics**

High impact or impact modified

**Features**

Copolymer

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

North America