

**Petrothene GA601031**

(PE-LLD)

LyondellBasell Industries

| Processing/Physical Characteristics | Value | Unit    | Test Standard |
|-------------------------------------|-------|---------|---------------|
| <b>ASTM Data</b>                    |       |         |               |
| Melt Flow Index, MFI                | 1     | g/10min | ASTM D 1238   |
| Temperature                         | 190   | °C      | -             |
| Load                                | 2.16  | kg      | -             |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| <b>ASTM Data</b>   |       |      |               |
| Vicat Temperature  | 105   | °C   | ASTM D 1525   |

| Optical properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| <b>ASTM Data</b>   |       |      |               |
| Gloss              | 35    | -    | ASTM D 2457   |
| Haze               | 22    | %    | ASTM D 1003   |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 918   | kg/m <sup>3</sup> | ASTM D 792    |

| Film Properties               | Value | Unit | Test Standard |
|-------------------------------|-------|------|---------------|
| <b>ASTM Data</b>              |       |      |               |
| Tensile Strength at Break, MD | 55.8  | MPa  | ASTM D 882    |
| Tensile Strength at Break, TD | 42.1  | MPa  | ASTM D 882    |
| Elongation at Break, MD       | 580   | %    | ASTM D 882    |
| Elongation at Break, TD       | 700   | %    | ASTM D 882    |
| Thickness of specimen         | 0.025 | mm   | -             |

**Characteristics****Processing**

Film Extrusion

**Delivery form**

Pellets

**Additives**

Antiblocking agent

**Features**

Good Drawdown, Heat Sealable

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Packaging

**Regional Availability**

North America