

## Petrothene GA2508 (PE-LLD)

LyondellBasell Industries

| Processing/Physical Characteristics | Value     | Unit    | Test Standard |
|-------------------------------------|-----------|---------|---------------|
| <b>ASTM Data</b>                    |           |         |               |
| Melt Flow Index                     | 0.8       | g/10min | ASTM D 1238   |
| Temperature                         | 190       | °C      | -             |
| Load                                | 2.16      | kg      | -             |
| Density, 73°F                       | 925       | kg/m³   | ASTM D 792    |
| Thermal Properties                  | Value     | Unit    | Test Standard |
| <b>ASTM Data</b>                    |           |         |               |
| Vicat Temperature                   | 113       | °C      | ASTM D 1525   |
| Film Properties                     | Value     | Unit    | Test Standard |
| <b>ASTM Data</b>                    |           |         |               |
| Elongation at Yield, TD             | 54        | MPa     | ASTM D 882    |
| Elongation at Break, MD             | 46        | MPa     | ASTM D 882    |
| Thickness of specimen               | 600       | %       | ASTM D 882    |
| Elongation at Break, TD             | 750       | %       | ASTM D 882    |
| Type of extrusion                   | blown     | -       | -             |
| Thickness of specimen               | 0.0254    | mm      | -             |
| Optical Properties                  | Value     | Unit    | Test Standard |
| <b>ASTM Data</b>                    |           |         |               |
| Gloss                               | 55        | -       | ASTM D 2457   |
| Haze                                | 10        | %       | ASTM D 1003   |
| Processing Recommendation Extrusion | Value     | Unit    | Test Standard |
| Melt temperature                    | 200 - 230 | °C      | -             |

### Characteristics

#### Processing

Film Extrusion, Profile Extrusion, Sheet Extrusion, Blown Film Extrusion

#### Delivery form

Pellets

#### Certifications

Food approval

#### Applications

Packaging