

## Adflex 7637 XCP

### TPO

LyondellBasell Industries

| Rheological properties | Value | Unit    | Test Standard |
|------------------------|-------|---------|---------------|
| <b>ISO Data</b>        |       |         |               |
| Melt Flow Index, MFI   | 0.8   | g/10min | ISO 1133      |
| MFI temperature        | 230   | °C      | -             |
| MFI load               | 2.16  | kg      | -             |

| Mechanical Properties                   | Value    | Unit              | Test Standard |
|-----------------------------------------|----------|-------------------|---------------|
| <b>ISO Data</b>                         |          |                   |               |
| Yield stress                            | 9        | MPa               | ISO 527       |
| Yield strain                            | 32       | %                 | ISO 527       |
| Stress at Break                         | 13       | MPa               | ISO 527       |
| Strain at Break                         | >50      | %                 | ISO 527       |
| Notched Impact Strength (Charpy), +23°C | no break | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Flexural Modulus (23°C)                 | 340      | MPa               | ISO 178       |
| Shore Hardness D (15s)                  | 34       | -                 | ISO 868       |

| Thermal Properties                        | Value | Unit | Test Standard |
|-------------------------------------------|-------|------|---------------|
| <b>ISO Data</b>                           |       |      |               |
| Temp. of deflection under load (0.45 MPa) | 50    | °C   | ISO 75-1/-2   |
| Vicat softening temperature A             | 80    | °C   | ISO 306       |

| Other Properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| <b>ISO Data</b>  |       |                   |               |
| Density          | 880   | kg/m <sup>3</sup> | ISO 1183      |

### Characteristics

#### Processing

Sheet Extrusion, Calendering, Blown Film Extrusion

#### Special Characteristics

Impact modified

#### Features

Soft Feel

#### Certifications

Food approval, Food approval 1935/2004/EC, Food approval 10/2011

#### Applications

Packaging