

## Hiflex CA 7700 A

### TPO

LyondellBasell Industries

| Rheological properties | Value | Unit    | Test Standard |
|------------------------|-------|---------|---------------|
| <b>ISO Data</b>        |       |         |               |
| Melt Flow Index, MFI   | 1.4   | g/10min | ISO 1133      |
| MFI temperature        | 230   | °C      | -             |
| MFI load               | 2.16  | kg      | -             |

| Mechanical Properties                   | Value    | Unit              | Test Standard |
|-----------------------------------------|----------|-------------------|---------------|
| <b>ISO Data</b>                         |          |                   |               |
| Stress at Break                         | 10       | MPa               | ISO 527       |
| Strain at Break                         | 450      | %                 | ISO 527       |
| Notched Impact Strength (Charpy), +23°C | no break | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Flexural Modulus (23°C)                 | 170      | MPa               | ISO 178       |
| Shore Hardness D (15s)                  | 33       | -                 | ISO 868       |

| Thermal Properties                        | Value | Unit | Test Standard  |
|-------------------------------------------|-------|------|----------------|
| <b>ISO Data</b>                           |       |      |                |
| Melting Temperature (10°C/min)            | 143   | °C   | ISO 11357-1/-3 |
| Temp. of deflection under load (0.45 MPa) | 40    | °C   | ISO 75-1/-2    |
| Vicat softening temperature A             | 75    | °C   | ISO 306        |

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

### Characteristics

#### Processing

Injection Molding, Other Extrusion, Wire/Cable Extrusion

#### Features

Blending Resin, Scratch Resistant, Soft Feel

#### Delivery form

Pellets, Natural Color

#### Applications

Automotive, Building Construction, Electrical and Electronical

#### Special Characteristics

Impact modified

### Disclaimer

#### Liability Exclusion

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