

## Technical Data Sheet

### Hostalen PP EPD60R

Polypropylene, Impact Copolymer



#### Product Description

Hostalen PP EPD60R is a natural polypropylene block copolymer with good toughness and impact strength even at low temperature for extrusion and injection molding applications. Hostalen PP EPD60R is UL-listed: All colors / UL94-HB / min. thickness 1.5 and 3 mm UL- File: QMFZ2.E31765. For further details about the suitable applications for this material please contact LyondellBasell.

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| Availability      | Africa-Middle East; Asia-Pacific; Australia and New Zealand; Europe |
| Application       | Industrial; Soil & Waste Pipe                                       |
| Market            | Industrial, Building & Construction; Pipe                           |
| Processing Method | Pipe                                                                |

| Typical Properties                 | Nominal Value | Units             | Test Method   |
|------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                    |               |                   |               |
| Melt Flow Rate                     |               |                   |               |
| (230 °C/2.16 kg)                   | 0.4           | g/10 min          | ISO 1133-1    |
| (230 °C/5.0 kg)                    | 1.6           | g/10 min          | ISO 1133-1    |
| Density                            | 0.90          | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>                  |               |                   |               |
| Tensile Modulus, (23 °C)           | 1100          | MPa               | ISO 527-1, -2 |
| Tensile Stress at Yield            | 26            | MPa               | ISO 527-1, -2 |
| Tensile Strain at Yield, (23 °C)   | 15            | %                 | ISO 527-1, -2 |
| <b>Impact</b>                      |               |                   |               |
| Charpy Impact Strength - Notched   |               |                   |               |
| (23 °C)                            | 54            | kJ/m <sup>2</sup> | ISO 179       |
| (0 °C)                             | 18            | kJ/m <sup>2</sup> | ISO 179       |
| (-30 °C)                           | 3.5           | kJ/m <sup>2</sup> | ISO 179       |
| <b>Hardness</b>                    |               |                   |               |
| Shore Hardness, (Shore D)          | 60            |                   | ISO 868       |
| <b>Thermal</b>                     |               |                   |               |
| Vicat Softening Temperature, (A50) | 151           | °C                | ISO 306       |

#### Notes

These are typical property values not to be construed as specification limits.

