

## Hostalen GM 9310 C BLACK

(PE-HD)

LyondellBasell Industries

| Rheological properties | Value | Unit    | Test Standard |
|------------------------|-------|---------|---------------|
| <b>ISO Data</b>        |       |         |               |
| Melt Flow Index, MFI   | 4.5   | g/10min | ISO 1133      |
| MFI temperature        | 190   | °C      | -             |
| MFI load               | 21.6  | kg      | -             |

| Mechanical Properties                   | Value | Unit              | Test Standard |
|-----------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                         |       |                   |               |
| Tensile Modulus                         | 1250  | MPa               | ISO 527       |
| Yield stress                            | 26    | MPa               | ISO 527       |
| Yield strain                            | 7     | %                 | ISO 527       |
| Tensile Creep Modulus, 1h               | 780   | MPa               | ISO 899-1     |
| Notched Impact Strength (Charpy), +23°C | 5     | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Notched Impact Strength (Charpy), -30°C | 3     | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Ball Indentation Hardness               | 55    | MPa               | ISO 2039-1    |

| Thermal Properties                      | Value | Unit | Test Standard |
|-----------------------------------------|-------|------|---------------|
| <b>ISO Data</b>                         |       |      |               |
| Vicat softening temperature, 50°C/h 50N | 83    | °C   | ISO 306       |

| Electrical Properties | Value  | Unit   | Test Standard |
|-----------------------|--------|--------|---------------|
| <b>ISO Data</b>       |        |        |               |
| Volume Resistivity    | 100000 | Ohm*m  | IEC 62631-3-1 |
| Surface Resistivity   | 10000  | Ohm    | IEC 62631-3-2 |
| <b>ASTM Data</b>      |        |        |               |
| Surface Resistivity   | 10000  | Ohm    | ASTM D 257    |
| Volume Resistivity    | 100000 | Ohm*cm | ASTM D 257    |

| Other Properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| <b>ISO Data</b>  |       |                   |               |
| Density          | 1000  | kg/m <sup>3</sup> | ISO 1183      |

### Characteristics

#### Processing

Sheet Extrusion, Other Extrusion, Pipe/Tube Extrusion

#### Special Characteristics

Electrically Conductive

#### Delivery form

Black