

**Moplen EP310J HP**  
**PP COPO**

LyondellBasell Industries

| Rheological properties | Value | Unit    | Test Standard |
|------------------------|-------|---------|---------------|
| <b>ISO Data</b>        |       |         |               |
| Melt Flow Index, MFI   | 3     | g/10min | ISO 1133      |
| MFI temperature        | 230   | °C      | -             |
| MFI load               | 2.16  | kg      | -             |

| Mechanical Properties | Value | Unit | Test Standard |
|-----------------------|-------|------|---------------|
| <b>ISO Data</b>       |       |      |               |
| Tensile Modulus       | 1100  | MPa  | ISO 527       |
| Yield stress          | 30    | MPa  | ISO 527       |
| Stress at Break       | 54    | MPa  | ISO 527       |

| Thermal Properties             | Value | Unit | Test Standard  |
|--------------------------------|-------|------|----------------|
| <b>ISO Data</b>                |       |      |                |
| Melting Temperature (10°C/min) | 166   | °C   | ISO 11357-1/-3 |

| Other Properties | Value | Unit  | Test Standard |
|------------------|-------|-------|---------------|
| <b>ISO Data</b>  |       |       |               |
| Density          | 900   | kg/m³ | ISO 1183      |

| Film Properties           | Value | Unit | Test Standard |
|---------------------------|-------|------|---------------|
| <b>ISO Data</b>           |       |      |               |
| Strain at Yield, parallel | 13    | %    | ISO 527-3     |
| Maximum strain, parallel  | 1180  | %    | ISO 527-3     |

| Optical Properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| <b>ASTM Data</b>   |       |      |               |
| Gloss              | 72    | -    | ASTM D 2457   |
| Haze               | 6     | %    | ASTM D 1003   |

**Characteristics**
**Processing**

Film Extrusion, Blown Film Extrusion

**Certifications**

Food approval

**Special Characteristics**

Impact modified

**Applications**

Packaging

**Features**

Copolymer, Impact Copolymer

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