

## Moplen EP310J

Block copolymer



### Product Description

Moplen EP310J is a polypropylene heterophasic copolymer for the extrusion of film applications that can be processed under high retorting condition. This grade is favored in applications, intended for food contact. Moplen EP310J offers good processability on cast line with better clarity, gloss and low organoleptic property. This grade exhibits high impact, good puncture and tear resistance, and high seal strength.

**Features** Good balance with stiffness and impact resistance/ High seal strength/ Good clarity & processing ability/ Non-phthalate

**Market** Flexible Packaging, Consumer Products

**Application** Retort film, Impact modifiers

### ASTM Data

| Typical Properties             | Nominal Value | Units              | Test Method |
|--------------------------------|---------------|--------------------|-------------|
| Melt Flow Rate (230°C, 2.16kg) | 5             | g/10 min           | ASTM D1238L |
| Density                        | 0.9           | g/cm <sup>3</sup>  | ASTM D1505  |
| Flexural Modulus               | 13000         | kg/cm <sup>2</sup> | ASTM D790   |
| Tensile Strength at Yield      | 290           | kg/cm <sup>2</sup> | ASTM D638   |
| Elongation at Yield            | 13            | %                  | ASTM D638   |
| Izod Impact Strength (23°C)    | 20            | kgcm/cm            | ASTM D256   |
| HDT (0.46 N/mm <sup>2</sup> )  | 110           | °C                 | ASTM D648   |

1) The above values are typical property values for reference only not be construed as specification limits.

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