



Arak Petrochemical Company



ISO 9001:2000  
Certificate No.: CH98/8032

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Certificate No.: CH03/0112

OHSAS 18001:1999  
Certificate No.: CH05/0675

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## Polypropylene

### Moplen EPC30M (Injection Moulding)

| Typical properties          | Test method (ASTM) | Unit     | Value |
|-----------------------------|--------------------|----------|-------|
| MFR @230°C, 2.16 kg         | D1238/L            | gr/10min | 6     |
| Flexural Modulus            | D790               | Mpa      | 1350  |
| Notched Izod Impact@23°C    | D256               | J/m      | 75    |
| Notched Izod Impact@-20°C   | D256               | J/m      | 20    |
| Tensile Strength@Yield      | D638               | Mpa      | 29    |
| Elongation@Yield            | D638               | %        | 10    |
| Vicat Softening Point,10N   | D1525              | °C       | 153   |
| HDT(0.46N/mm <sup>2</sup> ) | D648               | °C       | 90    |
| Rockwell Hardness           | D785               | R.Scale  | 92    |
| Oven Aging@150°C            | D3012              | Hours    | 360   |

➤ Values shown are averages & are not to be considered as product specifications.

#### ❖ Main application & Characteristics:

**Moplen EPC30M** is a medium-high flow heterophasic polypropylene copolymer. This grade combines excellent stiffness with high impact and it is suitable for injection moulding and thermoforming.

Typical applications of **Moplen EPC30M** are household articles, closures and furniture. Technical applications are components for appliances and parts for the automotive industry.

\* **Moplen EPC30M** is suitable for food contact.