Your partner in

HOMOPOLYMER
100-CC60

Crystal clear PP homopolymer
High fluidity homopolymer with outstanding rigidity and optics

INEOS Olefins & Polymers Europe
100-CC60

Product features

/ High fluidity
/ Excellent optics
/ Outstanding rigidity
/ Using the last generation of clarifying agent
/ Antistatic
/ Food contact approved

This high MFR grade is recommended for the injection moulding of rigid transparent technical and packaging items.
Benefits for the customers

The recently developed 100-CC60 from Innovene™ PP technology offers the following advantages:

/ **Excellent clarity**
  even at low processing temperatures

/ **Enhanced rigidity** and **heat resistance**

/ **Increased productivity** resulting from:
  - Lower processing temperatures
  - Higher crystallisation rate

/ **Energy savings**
  from lower processing temperatures and reduced cycle times
# Product Characteristics

Comparison with current INEOS homopolymers

<table>
<thead>
<tr>
<th>Properties</th>
<th>Unit</th>
<th>Standard</th>
<th>100-HR25</th>
<th>194-NA25</th>
<th>100-CA50</th>
<th>100-CC60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melt Flow Rate 230°C/2.16 kg</td>
<td>g/10 min</td>
<td>ISO 1133</td>
<td>25</td>
<td>25</td>
<td>50</td>
<td>60</td>
</tr>
<tr>
<td>Flexural Modulus @23°C</td>
<td>MPa</td>
<td>ISO 178</td>
<td>1.800</td>
<td>1.750</td>
<td>1.550</td>
<td>1.800</td>
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<tr>
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<td>kJ/m²</td>
<td>ISO 180/1A</td>
<td>3.3</td>
<td>3</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Haze 1 mm</td>
<td>%</td>
<td>ASTM D 1003</td>
<td>50</td>
<td>17</td>
<td>75</td>
<td>17</td>
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<tr>
<td>Crystallisation Temperature</td>
<td>°C</td>
<td>DSC, INEOS</td>
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<td>123</td>
<td>130</td>
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<tr>
<td>HDT @0.45 MPa</td>
<td>°C</td>
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Data not to be considered as specification
About us

INEOS is one of the world’s largest chemical companies, founded in 1998. INEOS Olefins & Polymers Europe is a leading producer of olefins and polyolefins.

INEOS Olefins & Polymers Europe offers a full range of high value polyolefins solutions for market applications such as food and industrial packaging, pipe and automotive through dedicated sales, and technical service teams.

INEOS is a safe and environmentally responsible company. We are engaged in developing our sustainable agenda to improve our operations and to implement sustainable solutions for our customers. This includes products that offer lightweighting, energy efficiency, durability (extended lifetime) or conservation of resources. We care.

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