



**TotalEnergies**

Refining & Chemicals  
Polymers

## Polypropylene PPH 2060

Technical data sheet  
Polypropylene – Homopolymer  
Produced in Europe

### Description

Polypropylene PPH 2060 is a homopolymer with a high molecular weight and a Melt Flow Index of 0.9 g/10 min.

PPH 2060 is particularly intended for the extrusion of pipes and sheets for industrial and civil engineering applications. The resin has a long-term stabilization package. It offers a high stiffness and good processability. Polypropylene PPH 2060 is available in natural color.

### Characteristics

|  | Method    | Unit              | Typical Value |
|--|-----------|-------------------|---------------|
| <b>Rheological properties</b>            |           |                   |               |
| Melt Flow Index 230°C/2.16 kg            | ISO 1133  | g/10 min          | 0.9           |
| <b>Mechanical properties</b>             |           |                   |               |
| Tensile Strength at Yield                | ISO 527-2 | MPa               | 34            |
| Tensile Strain at Yield                  | ISO 527-2 | %                 | 10            |
| Tensile Strain at Break                  | ISO 527-2 | %                 | >500          |
| Flexural modulus                         | ISO 178   | MPa               | 1550          |
| Izod Impact Strength (notched) at 23°C   | ISO 180   | kJ/m <sup>2</sup> | 8             |
| Charpy Impact Strength (notched) at 23°C | ISO 179   | kJ/m <sup>2</sup> | 9             |
| <b>Thermal properties</b>                |           |                   |               |
| Melting Point                            | ISO 3146  | °C                | 162           |
| Vicat Softening Point                    | ISO 306   | °C                |               |
| 10N-50°C per hour                        | A50       |                   | 157           |
| 50N-50°C per hour                        | B50       |                   | 95            |
| Heat Deflection Temperature              | ISO 75    | °C                |               |
| 0.45 MPa - 120°C per hour                | B         |                   | 94            |
| <b>Other physical properties</b>         |           |                   |               |
| Density                                  | ISO 1183  | g/cm <sup>3</sup> | 0.905         |

### Handling and storage

Please refer to the safety data sheet (SDS) for handling and storage information. It is advisable to convert the product within one year after delivery provided storage conditions are used as given in the SDS of our product. SDS may be obtained from the website: [www.polymers.totalenergies.com](http://www.polymers.totalenergies.com).

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