



Product technical information

## PP H030 GP Propylene homopolymer

### • DESCRIPTION

PP H030 GP is a bimodal propylene homopolymer with standard stabilizers providing heat stability, resistance to corrosion, resistance to thermo-oxidative degradation.

### • APPLICATION

PP H030 GP is designated for extrusion of sheets and profiles, production of yarn, injection molding of products of various application and production of mixtures for various application.

| PROPERTIES                                       | TEST CONDITIONS  | TEST STANDARD          | TYPICAL VALUE * |
|--------------------------------------------------|------------------|------------------------|-----------------|
| <b>Physical</b>                                  |                  |                        |                 |
| Melt Flow Index, g/10 min                        | (230 °C/2.16 kg) | ISO 1133 or GOST 11645 | 2.5-3.5         |
| <b>Mechanical</b>                                |                  |                        |                 |
| Tensile Yield Strength, MPa                      | (50 mm/min)      | ISO 527 or GOST 11262  | 34              |
| Elongation at Yield, %                           | (50 mm/min)      | ISO 527 or GOST 11262  | 10              |
| Flexural Modulus, MPa                            | (2 mm/min)       | GOST 9550              | 1400            |
| Isod Impact Strength, Notched, kJ/m <sup>2</sup> | (+23 °C)         | ISO 180 or GOST 19109  | 5.0             |
| <b>Thermophysical</b>                            |                  |                        |                 |
| Vicat Softening Point, °C                        | (10 N)           | ISO 306 or GOST 15088  | 155             |
| Heat Deflection Temperature, °C                  | (0.45 MPa)       | ISO 75 or GOST 12021   | 110             |

\*Typical value; not for the specification.

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