Technical Data Sheet

# PP H030 GP/1

**Polypropylene**

## PRODUCT DESCRIPTION

**PP H030 GP/1** is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by medium melt flow range, an optimal stabilization package and balanced physical and mechanical properties.

## TYPICAL APPLICATIONS

**PP H030 GP/1** is a general purpose grade, it is recommended for Injection Moulding, Extrusion and Thermoforming applications. It complies with EU Food Contact Regulations.

| Physical Properties | Typical values* | Method |
|---|---|---|
| **Rheology** | | |
| Melt Flow Rate, g/10 min (230 °C/2.16 kg) | 3.0 | GOST 11645 (method similar to ISO 1133) |
| **Mechanical** | | |
| Tensile Stress at Yield, MPa (50 mm/min) | 34.0 | GOST 11262 (method similar to ISO 527-2) |
| Elongation at Yield, % (50 mm/min) | 10 | GOST 11262 (method similar to ISO 527-2) |
| Flexural modulus, MPa (5 mm/min) | 1400 | GOST 9550 (method similar to ISO 178) |
| Notched Izod impact strength, kJ/m$^2$ (23 °C) | 2.0 | GOST 19109 (method similar to ISO 180) |

| Thermal | | |
|---|---|---|
| Vicat Softening Temperature, °C (10 N) | 155 | GOST 15088 (method similar to ISO 306) |
| Heat deflection temperature, °C (1.8 MPa) | 60 | GOST 12021 (method similar to ISO 75) |

*Typical values; not for specification

## REACH Statement

Polymers are exempt of REACH registration. However, their raw materials which mean monomers and relevant additives have been registered.
**PJSC «Sibur Holding» (and its subsidiaries)** is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

## Safety

See MSDS

## Contact

**PJSC «Sibur Holding»**
Basic Polymers Division
3-16, Krzhizhanovskogo St.
117997, Moscow, Russian Federation
Tel.: ++7 495 7775500
E-mail: servicedbp@sibur.ru

**European Sales Office**
Sibur International GmbH
Prinz Eugen Straße 8-10
1040, Vienna, Austria
Tel.: ++43 1 370 8000
E-mail: polyolefins@sibur-int.com

**Turkey Sales Office**
SIBUR International Trading Istanbul
EGS Business Park, B1 Blok, Kat.9, No.318
Yeşilköy, Bakırköy
Istanbul, Turkey
Tel: ++90 212 465 2321
E-mail: polyolefins@sibur-int.com

**Chinese Sales Office**
SIBUR International Trading (Shanghai)Co., Ltd
Rm.62T70, SWFC, Century Ave.100 Pudong
New Area, 200120, Shanghai, China
Tel: ++86 021 2206 5066 ext 215
E-mail: serviceCN@sibur-int.com

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