



# Technical Data Sheet

## PP H030 GP/3

### Polypropylene

#### PRODUCT DESCRIPTION

**PP H030 GP/3** 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/3** 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
<b>Rheology</b>		
Melt Flow Rate, g/10 min (230 °C/2.16 kg)	3.0	GOST 11645 (method similar to ISO 1133)
<b>Mechanical</b>		
Tensile Stress at Yield, MPa (50 mm/min)	30.0	GOST 11262 (method similar to ISO 527-2)
Elongation at Yield, % (50 mm/min)	10	GOST 11262 (method similar to ISO 527-2)
Flex modulus, MPa (5 mm/min)	1300	GOST 9550 (method similar to ISO 178)
Notched Izod impact strength, kJ/m <sup>2</sup> (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 (0.45 MPa)	80	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.

**Sibur Holding OJSC (and its subsidiaries)** is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

### Safety

See MSDS

### Contact

#### Sibur Holding OJSC

Basic Polymers Division  
3-16, Krzhizhanovskogo St.  
117997, Moscow, Russian Federation  
Tel.: ++7 495 7775500  
E-mail: [servicedbp@sibur.ru](mailto: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](mailto: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](mailto: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](mailto:serviceCN@sibur-int.com)

**To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. Sibur Holding OJSC (and its subsidiaries) makes no warranties or representations with respect to the accuracy or completeness of information contained herein and assumes no liability for the consequences of its use or in case of misprints.**

**Our products are intended to be sold to industrial and commercial customers. Customers shall test our products to define their suitability for certain customer's purposes. The customer is also responsible for the recycling of our products and their appropriate, safe and legal use.**