



Technical Data Sheet

PP H120 GP/3

Polypropylene

PRODUCT DESCRIPTION

PP H120 GP/3 is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by high melt flow range, an optimal stabilization package and balanced physical and mechanical properties.

TYPICAL APPLICATIONS

PP H120 GP/3 is a general purpose grade, it is recommended for Injection moulding applications and compounding. It complies with EU Food Contact Regulations.

Physical Properties	Typical values*	Method
Rheology		
Melt Flow Rate, g/10 min (230 °C/2.16 kg)	12.0	GOST 11645 (method similar to ISO 1133)
Mechanical		
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)
Flexural modulus, MPa (5 mm/min)	1300	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 (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.

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

To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. PJSC «Sibur Holding» (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.