

## PRODUCT DESCRIPTION

SIBEX® PP H270 FF/1 is a polypropylene homopolymer with narrow molecular weight distribution. The product is characterized by high melt flow rate, an optimal stabilization package providing excellent colour protection and balanced physical and mechanical properties.

## TYPICAL APPLICATIONS

SIBEX® PP H270 FF/1 is recommended for non-woven materials, thermally bonded and needled fabrics, agricultural textile, and hygienic materials. It complies with EU Food Contact Regulations.

Physical Properties	Method	Typical values*
<b>Rheology</b>		
Melt Flow Rate (230 °C/2.16 kg)	GOST 11645 (similar to ISO 1133)	27 g/10 min
<b>Mechanical</b>		
Tensile Stress at Yield (50 mm/min)	GOST 11262 (similar to ISO 527-2)	30 MPa
Elongation at Yield (50 mm/min)	GOST 11262 (similar to ISO 527-2)	10 %
Flexural modulus (50 mm/min)	GOST 9550 (similar to ISO 178)	1100 MPa
Notched Izod impact strength (23 °C)	GOST 19109 (similar to ISO 180)	2.0 kJ/m <sup>2</sup>
<b>Thermal</b>		
Vicat Softening Temperature (10 N)	GOST 15088 (similar to ISO 306)	155 °C
Heat deflection temperature (1.8 MPa)	GOST 12021 (similar to ISO 75)	60 °C

\*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](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 Istanbul Uluslararası Tic. Ltd. Şti.  
Ferko Signature Levent  
Esentepe, Büyükdere Cd. No:175, 4.Kat / A25  
34394 Şişli, Istanbul, Turkey  
Tel: ++90 212 919 0035  
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)

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