



## Technical Data Sheet

# PP H253 FF/2

### Polypropylene

#### PRODUCT DESCRIPTION

**PP H253 FF/2** is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by high melt flow range, anti-gas fading stabilization package providing excellent colour protection and balanced physical and mechanical properties.

#### TYPICAL APPLICATIONS

**PP H253 FF/2** is recommended for fiber applications, especially for multifilament yarn and staple fibres. 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)	25.0	GOST 11645 (method similar to ISO 1133)
<b>Mechanical</b>		
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 <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 exempted from registration under REACH. However, the corresponding monomers (used as raw materials for polymer production) 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 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. 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.**