

## PRODUCT DESCRIPTION

SIBEX® PP H270 FF/3 is a polypropylene homopolymer with narrow molecular weight distribution. The product is characterized by high melt flow rate and anti-gas fading stabilization package providing excellent colour protection and balanced physical and mechanical properties.

## TYPICAL APPLICATIONS

SIBEX® PP H270 FF/3 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)	ISO 1133	27 g/10 min
<b>Mechanical</b>		
Tensile stress at yield (50 mm/min)	ISO 527	34 MPa
Elongation at yield (50 mm/min)	ISO 527	9 %
Elongation at break	ISO 527	18 MPa
Flexural modulus (50 mm/min)	ISO 178	1300 MPa
Notched Izod impact strength (23 °C)	ISO 180	2.8 kJ/m <sup>2</sup>
Rockwell hardness	ISO 2039-2	113
<b>Thermal</b>		
Vicat softening temperature (10 N)	ISO 306	160 °C
Heat deflection temperature (0.45 MPa)	ISO 75-2	102 °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

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