

# SIBUR

## Technical Data Sheet PP H270 FF/3 Polypropylene

### PRODUCT DESCRIPTION

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

PP H270 FF/3 is recommended for non-woven materials, thermally bonded and needled fabrics, agricultural textile. It complies with EU Food Contact Regulations.

Properties	Conditions	Method	Typical values*	Units
<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 527-1	33	MPa
Elongation at Yield	50 mm/min	ISO 527-1	11	%
Flexural Modulus		ISO 178	1300	MPa
<b>Impact</b>				
Notched Izod Impact Strength	23 °C	ISO 180	2.8	kJ/m <sup>2</sup>
<b>Thermal</b>				
Vicat Softening Temperature	10 N	ISO 306	152	°C
Heat Deflection Temperature	0.45 MPa	ISO 75-2	85	°C

\*The values given are typical values measured on the product. These values should not be considered as 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