

PRODUCT DESCRIPTION

SIBEX® PP H253 FF/3 is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by high melt flow rate, anti-gas fading stabilization package providing excellent colour protection and balanced physical and mechanical properties.

TYPICAL APPLICATIONS

SIBEX® PP H253 FF/3 is specially recommended for fiber applications, especially for multifilament yarn and staple fibres. It complies with EU Food Contact Regulations.

Physical Properties	Method	Typical values*
Rheology		
Melt Flow Rate (230 °C/2.16 kg)	ISO 1133	25 g/10 min
Mechanical		
Tensile Stress at Yield (50 mm/min)	ISO 527	33 MPa
Elongation at Yield (50 mm/min)	ISO 527	10 %
Flexural modulus (50 mm/min)	ISO 178	1300 MPa
Notched Izod impact strength (23 °C)	ISO 180	2.4 kJ/m ²
Thermal		
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

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