

PRODUCT DESCRIPTION

SIBEX® PP H033 FF/3 is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by medium melt flow rate, a special stabilization package providing low water-carry-over and balanced physical and mechanical properties.

TYPICAL APPLICATIONS

SIBEX® PP H033 FF/3 is recommended for raffia tape and yarn extrusion for woven materials. The product is suitable for food contact applications. It complies with EU Food Contact Regulations.

Physical Properties	Method	Typical values*
Rheology		
Melt Flow Rate (230 °C/2.16 kg)	ISO 1133	3.3 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	3.7 kJ/m ²
Rockwell hardness	ISO 2039-2	98
Thermal		
Vicat Softening Temperature (10 N)	ISO 306	160 °C
Heat deflection temperature (0.45 MPa)	ISO 75-2	103 °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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