

SIBUR

Technical Data Sheet SIBEX® PP H043 FF/3 Polypropylene

PRODUCT DESCRIPTION

SIBEX® PP H043 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 H043 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.

Properties	Conditions	Method	Typical values*
Rheology			
Melt Flow Rate	230 °C/2.16 kg	ASTM D1238	4.2 g/10 min
Mechanical			
Tensile Stress at Yield	50 mm/min	ASTM D638	34 MPa
Elongation at Yield	50 mm/min	ASTM D638	11 %
Flexural Modulus	50 mm/min	ASTM D790	1400 MPa
Notched Izod Impact Strength	23 °C	ASTM D256	46 J/m
Thermal			
Vicat Softening Temperature	10 N	ASTM D1525	159 °C
Heat Deflection Temperature	0.45 MPa	ASTM D648	102 °C

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

SIBEX® - is a registered trademark of the PJSC "SIBUR Holding"

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