

PRODUCT DESCRIPTION

SIBEX® PP H263 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. This is 'zero-phthalate' technology product.

TYPICAL APPLICATIONS

SIBEX® PP H263 FF/3 is recommended for non-woven materials, thermally bonded and needled fabrics, agricultural textile, and hygienic materials. The product provides 'zero-phthalate' quality for sensitive applications as childcare. It complies with EU Food Contact Regulations.

Physical Properties	Method	Typical values*
Rheology		
Melt Flow Rate (MFR) (230 °C/2.16 kg)	ASTM D1238	27 g/10 min
Mechanical		
Tensile stress at yield (50 mm/min)	ASTM D638	36 MPa
Tensile elongation at yield (50 mm/min)	ASTM D638	9 %
Tensile strength at break (50 mm/min)	ASTM D638	18 MPa
Flexural modulus (50 mm/min)	ASTM D790	1400 MPa
Notched Izod impact strength (23 °C)	ASTM D256	38 J/m
Rockwell Hardness	ASTM D785	101
Thermal		
Vicat softening temperature (10 N)	ASTM D1525	161 °C
Heat deflection temperature (0.45 MPa)	ASTM D648	110 °C

*Typical values; not for specification.

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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

PJSC «Sibur Holding»

Basic Polymers Division
3-16, Krzhizhanovskogo St.
117997, Moscow, Russian Federation
Tel.: ++7 495 7775500
E-mail: servicedbp@sibur.ru

European Sales Office

Sibur International GmbH
Prinz Eugen Straße 8-10
1040, Vienna, Austria
Tel.: ++43 1 370 8000
E-mail: polyolefins@sibur-int.com

Turkey Sales Office

SIBUR Istanbul Uluslararası Tic. Ltd. Şti.
Ferko Signature Levent
Esentepe, Büyükdere Cd. No:175, 4.Kat / A25
34394 Şişli, Istanbul, Turkey
Tel: ++90 212 465 2321
E-mail: polyolefins@sibur-int.com

Chinese Sales Office

SIBUR International Trading (Shanghai)Co., Ltd
Rm.62T70, SWFC, Century Ave.100 Pudong New
Area, 200120, Shanghai, China
Tel: ++86 021 2206 5066 ext 215
E-mail: serviceCN@sibur-int.com

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