

PRODUCT DESCRIPTION

PP H263 FF/1 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

PP H263 FF/1 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	24 MPa
Flexural modulus (50 mm/min)	ASTM D790	1400 MPa
Notched Izod impact strength (23 °C)	ASTM D256	30 J/m
Rockwell Hardness	ASTM D785	110
Thermal		
Vicat softening temperature (10 N)	ASTM D1525	160 °C
Heat deflection temperature (0.45 MPa)	ASTM D648	110 °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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