

PRODUCT DESCRIPTION

SIBEX® PP H038 TF/2 is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by medium melt flow rate, a special stabilization package including nucleating and antistatic agents, and improved physical and mechanical properties. This is 'zero-phthalate' technology product.

TYPICAL APPLICATIONS

SIBEX® PP H038 TF/2 is recommended for high-speed extrusion followed by thermoforming. This product provides 'zero-phthalate' quality for sensitive applications as childcare and food packaging. 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	3.0 g/10 min
Mechanical		
Tensile stress at yield (50 mm/min)	ISO 527	37 MPa
Elongation at yield (50 mm/min)	ISO 527	7 %
Tensile strength at break (50 mm/min)	ISO 527	17 MPa
Flexural modulus (50 mm/min)	ISO 178	1800 MPa
Notched Izod impact strength (23 °C)	ISO 180	3.6 kJ/m ²
Thermal		
Vicat softening temperature (10 N)	ISO 306	163 °C
Heat deflection temperature (0.45 MPa)	ISO 75-2	130 °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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