Manufacturer website: https://www.sibur.ru/en/

Technical Data Sheet

PP H038 TF/2

Polypropylene

PRODUCT DESCRIPTION

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

TYPICAL APPLICATIONS

PP H038 TF/2 is recommended for high-speed extrusion followed by thermoforming. The 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	Typical values*	Method
Rheology		
Melt Flow Rate, g/10 min (230 °C/2.16 kg)	3.0	GOST 11645 (method similar to ISO 1133)
Mechanical		
Tensile Stress at Yield, MPa (50 mm/min)	34.0	GOST 11262 (method similar to ISO 527-2)
Elongation at Yield, % (50 mm/min)	10	GOST 11262 (method similar to ISO 527-2)
Flexural modulus, MPa (5 mm/min)	1900	GOST 9550 (method similar to ISO 178)
Notched Izod impact strength, kJ/m^2 (23 °C)	2.0	GOST 19109 (method similar to ISO 180)

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Thermal		
Vicat Softening Temperature, °C (10 N)	155	GOST 15088 (method similar to ISO 306)
Heat deflection temperature, °C (0.45 MPa)	100	GOST 12021 (method similar to ISO 75)

*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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