

SIBUR

Technical Data Sheet SIBEX® PP H039 TF/2 Polypropylene

PRODUCT DESCRIPTION

SIBEX® PP H039 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, which provide very high stiffness and excellent transparency.

TYPICAL APPLICATIONS

SIBEX® PP H039 TF/2 is recommended for high-speed extrusion followed by thermoforming. 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)	ASTM D1238	3.0 g/10 min
Mechanical		
Tensile Stress at Yield (50 mm/min)	ASTM D638	39 MPa
Elongation at Yield (50 mm/min)	ASTM D638	7 %
Tensile modulus (50 mm/min)	ASTM D638	2030 MPa
Flexural modulus (50 mm/min)	ASTM D790	1940 MPa
Notched Izod impact strength (23 °C)	ASTM D256	20 J/m
Thermal		
Melting point	ASTM D3418	166 °C
Crystallisation temperature	ASTM D3418	131 °C

*Typical values; not for 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

The product(s) mentioned herein are not intended to be used for medical, pharmaceutical or healthcare applications and we do not support their use for such applications. To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication, however we do not assume any liability whatsoever for the accuracy and completeness of such information. PJSC «Sibur Holding» (and its subsidiaries) makes no warranties which extend beyond the description contained herein. Nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose.

It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products. No liability can be accepted in respect of the use of any PJSC «Sibur Holding» (and its subsidiaries) product in conjunction with any other products and/or materials. The information contained herein relates exclusively to our products when not used in conjunction with any other material unless as specifically provided for in the test methods stated above.