

PRODUCT DESCRIPTION

PP H450 GP/7 is a propylene homopolymer with a standard molecular weight distribution. The product is characterized by high flowability, an optimal stabilization formulation, and balanced physicochemical and mechanical properties.

TYPICAL APPLICATIONS

PP H450 GP/7 is a general-purpose grade suitable for applications including the production of thin-walled articles via injection molding and extrusion, as well as for compounding. It complies with EU Food Contact Regulations.

Properties	Conditions	Method	Typical values*	Units
Rheology				
Melt Flow Rate	230 °C/2.16 kg	ISO 1133	45	g/10 min
Mechanical				
Tensile Stress at Yield	50 mm/min	ISO 527	32	MPa
Elongation at Yield	50 mm/min	ISO 527	8	%
Flexural Modulus	2 mm/min	ISO 178	1300	MPa
Thermal				
Vicat Softening Temperature	10 N	ISO 306	150-154	°C
Heat Deflection Temperature	0.45 MPa	ISO 75	48,5	°C

*The values given are typical values measured on the product. These values should not be considered as specification.

REACH Statement

Polymers are exempt of REACH registration. However, their raw materials which mean monomers and relevant additives have been registered.

«Kazakhstan Petrochemical Industries Inc.» LLP is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

Safety

See MSDS

Contact

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