

SIBUR

Technical Data Sheet PP H120 GP/3 Polypropylene Homopolymer

PRODUCT DESCRIPTION

PP H120 GP/3 is a polypropylene homopolymer with standard molecular weight distribution. It is developed for general purpose Injection Molding applications. The product has an optimal stabilization package and balanced combination of physical and mechanical properties. It exhibits good flow and medium rigidity.

TYPICAL APPLICATIONS

PP H120 GP/3 is recommended for Injection Molding of rigid articles for general purpose applications. It is also used in Compounding as a blending material and compounding base.

Properties	Conditions	Method	Typical values*	Units
Rheology				
Melt Flow Rate	230 °C/2.16 kg	ISO 1133	12	g/10 min
Mechanical				
Tensile Stress at Yield	50 mm/min	ISO 527-1	35	MPa
Elongation at Yield	50 mm/min	ISO 527-1	10	%
Tensile Modulus		ISO 527-1	1550	MPa
Flexural Modulus		ISO 178	1475	MPa
Impact				
Notched Charpy Impact Strength	23 °C	ISO 179	3.4	kJ/m ²

*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.

PJSC «Sibur Holding» (and its subsidiaries) is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

Safety

See MSDS