

TOLEN H030 GP/3

Polypropylene Homopolymer
SIBUR

Message:

PP-H030-GP/3 is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by medium melt flow range, an optimal stabilization package and balanced physical and mechanical properties.

TYPICAL APPLICATIONS

PP-H030-GP/3 is a general purpose grade, it is recommended for Injection Moulding, Extrusion and Thermoforming applications. It complies with EU Food Contact Regulations.

General Information	
Additive	Unspecified stabilizer
Features	Homopolymer
	Medium liquidity
	Compliance of Food Exposure
Uses	General
Agency Ratings	EC 1907/2006 (REACH)
	EC 1935/2004
	EC 2023/2006
	Europe 10/1/2011 12:00:00 AM
Forms	Particle
Processing Method	Extrusion
	Thermoforming
	Injection molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	34.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	10	%	ISO 527-2/50
Flexural Modulus ¹	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	2.0	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0	°C	ISO 75-2/B
Vicat Softening Temperature	155	°C	ISO 306/A

NOTE	
1.	5.0 mm/min

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