

# TOLEN H080 GP

Polypropylene Homopolymer  
SIBUR, LLC

Message:

PP H080 GP is a polypropylene homopolymer with standard molecular mass distribution. The product features fluidity above average, an optimal stabilization package and balanced physical and mechanical properties.

General Information			
Features	General Purpose		
	Good Flow		
	Good Stability		
	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	General Purpose		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup> (Yield)	30.0	MPa	Internal Method
Tensile Strain <sup>2</sup> (Yield)	10	%	Internal Method
Flexural Modulus <sup>3</sup>	1400	MPa	Internal Method
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	2.0	kJ/m <sup>2</sup>	Internal Method
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0	°C	Internal Method
Vicat Softening Temperature	155	°C	Internal Method <sup>4</sup>
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	5.0 mm/min		
4.	A (10N)		

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