

# TOLEN H035 BF

Polypropylene Homopolymer  
SIBUR, LLC

Message:

PP H035 BF is a polypropylene homopolymer with broad molecular mass distribution. The product features average fluidity, an optimal stabilization package without metallic stearates and balanced physical and mechanical properties.

General Information			
Features	Good Flow		
	Good Stability		
	Homopolymer		
	Wide Molecular Weight Distribution		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.3	g/10 min	Internal Method
Solubility - in Xylene <sup>1</sup>	4.0	%	ISO 16152
Polydispersity	6.00	Mw/Mn	ASTM D6474
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress <sup>2</sup> (Yield)	30.0	MPa	Internal Method
Tensile Strain <sup>3</sup> (Yield)	11	%	Internal Method
Flexural Modulus <sup>4</sup>	1300	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)	78.0	°C	Internal Method
Vicat Softening Temperature	149	°C	Internal Method <sup>5</sup>
Melting Temperature <sup>6</sup>	158	°C	ASTM D3417
NOTE			
1.	+140°C		
2.	50 mm/min		
3.	50 mm/min		
4.	5.0 mm/min		
5.	A (10N)		
6.	Rate: 20°C/min		

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