

# TOLEN H022 CM

Polypropylene Homopolymer

SIBUR, LLC

## Message:

PP H022 CM is a polypropylene homopolymer with standard molecular mass distribution. The product features fluidity below average, a special stabilizing package including a nucleator, as well as improved physical, mechanical and thermophysical properties that enhance performance of extrusion moulding lines.

General Information			
Features	Good Stability		
	Homopolymer		
	Low Flow		
	Narrow Molecular Weight Distribution		
Uses	Bottles		
	Caps		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	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>	1500	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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