

# Toler PP 9038N

Polypropylene Homopolymer

Toler Chemical, Inc

## Message:

9038N resin is a nucleated, controlled rheology, high melt flow resin for injection molding.

General Information			
Additive	Nucleating Agent		
Features	Controlled Rheology		
	Fast Molding Cycle		
	High Flow		
	High Stiffness		
	Homopolymer		
	Nucleated		
Uses	Thin-walled Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	33 to 38	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	33.1 to 34.5	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	10 to 12	%	ASTM D638
Flexural Modulus - 1% Secant <sup>1</sup> (Injection Molded)	1280 to 1340	MPa	ASTM D790A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	107 to 113	°C	ASTM D648
NOTE			
1.	1.3 mm/min		

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