

# Hyprom<sup>®</sup> PP-HP 35NS

Polypropylene Homopolymer

Entec Polymers

## Message:

This product is intended for thin-wall injection molding applications such as caps & closures, food containers and consumer products that require high stiffness.

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	High Stiffness		
	Homopolymer		
	Nucleated		
Uses	Caps		
	Closures		
	Consumer Applications		
	Food Containers		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	39.3	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>1</sup> (23°C)	1720	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	127	°C	ASTM D648
Injection	Nominal Value	Unit	
Rear Temperature	182 to 216	°C	
Middle Temperature	193 to 238	°C	
Front Temperature	204 to 249	°C	

Nozzle Temperature	193 to 238	°C
Processing (Melt) Temp	204 to 249	°C
Mold Temperature	21.1 to 48.9	°C
Injection Pressure	3.45 to 10.3	MPa

NOTE

1.	1.3 mm/min
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Recommended distributors for this material


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