

INEOS PP N00G-01

Polypropylene Impact Copolymer

INEOS Olefins & Polymers USA

Message:

Grade N00G-01 is a fractional melt flow rate impact copolymer for blow molding, pipe, tubing, and sheet extrusion. It offers a good balance of stiffness and impact strength as compared to other impact copolymers. For applications requiring good medium term heat aging performance, we recommend our N00M-00 grade.

Applications

Blow Molding

Sheet Extrusion

Pipe and Tubing

Benefits

Consistent lot-to-lot performance

Processability

Good impact and stiffness

General Information			
Features	Good Stiffness		
	Medium Impact Resistance		
Uses	Blow Molding Applications		
	Piping		
	Tubing		
Processing Method	Blow Molding		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C, Injection Molded)	25.1	MPa	ASTM D638
Flexural Modulus (23°C, Injection Molded)	1140	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C, 3.00 mm	14	J/m	
23°C, 3.00 mm	No Break		
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	86.5	°C	ASTM D648

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