



N00N-00 Polypropylene Impact Copolymer

N00N-00 is a fractional melt flow rate high impact copolymer polypropylene specifically designed for non-pressure structured wall pipe but can also be used in other extrusion applications requiring high melt strength and high stiffness. It offers a superior balance of stiffness and impact strength as compared to competitive impact copolymers of similar melt flow rate.

Typical Properties¹

	Values		ASTM Method
	English Units	SI Units	
Resin			
Density	—	0.910 g/cc	D792
Melt Flow Rate, 230°C/2.16 kg	—	0.350 g/10 min	D1238
Injection Molded Sample			
Tensile Strength (2 in./min)			D638
@ Yield	4,920 psi	33.9 MPa	
@ Break	3,800 psi	26.2 MPa	
Elongation (2 in./min)			D638
@ Yield	7.91%	7.91%	
@ Break	122%	122%	
Flexural Modulus			D790A
1% Secant	260,000 psi	1,790 MPa	
Notched Izod Impact Strength			D256
@ 23 C	-	No Break	
@ - 20 C	1.6 ft-lbf/in	8.2 kJ/m ²	
Hardness			
Rockwell R	98	98	D785
Vicat Softening Point	318 F	160 C	D1525
Heat Deflection Temperature			D648
@ 66 psi (455 kPa)	238 F	115 C	
@ 264 psi (1,820 kPa)	140 F	60 C	
Gloss Units, 60° angle		78.2	D2457
Instrumented Impact			D3763
@ 23 C	Ductile	Ductile	
@ -20 C	Ductile	Ductile	

¹ Typical properties may vary and are not to be used for specifications.

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Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, please refer to the Regulatory Position Statement (RPS) online at www.ineos-op.com, or call + 1-800-527-5419.

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For additional information, samples, pricing and availability, please contact:

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