



N12Z-01 Polypropylene Impact Copolymer

N12Z-01 is a medium melt flow rate, nucleated and antistatic polypropylene impact copolymer designed for injection molding applications. The grade exhibits high stiffness, high impact resistance at room and low temperatures, excellent mold release, and good static dissipation.

Typical Properties¹

	Values		ASTM Method
	English Units	SI Units	
Resin			
Melt Flow Rate, g/10min	14	14	D1238
Injection Molded Sample			
Tensile Properties (2 in/min)			D638
Stress @ Yield	3,400 psi	23.4 MPa	
Elongation @ Yield	4.6 %	4.6 %	
Elongation @ Break	86 %	86 %	
Flexural Modulus			D790A
1% Secant	182,000 psi	1,255 MPa	
Notched Izod Impact Strength			D256
@ 23 C	No Break	No Break	
@ -20 C	2.2 ft-lb _f /in	11.9 kJ/m ²	
Deflection Temperature			D648
@ 66 psi (455 kPa)	219°F	104°C	
Instrumented Impact			D3763
@ 23 C	Ductile	Ductile	
@ -20 C	Ductile	Ductile	

¹ Typical property values will vary and are not to be used as specification limits..