



Polypropylene: **C7100-50NA**

Sub-group

Impact Copolymer

Description

Freezer Temperature Impact Resistance, High Flow Processing Ease, Easy Mold Release, Fast Cycle Time, Good Organoleptic Properties, Contains Nucleating and Antistatic Additives

Applications

Suggested Uses Include Thin-Wall Injection Molding Processes

Control Properties

	ASTM Method	Units	Values
Nominal Melt Flow (230°C/2.16kg)	D-1238	g/10 min	50

Typical Properties

	ASTM Method	Units	Values
Tensile Strength at Yield (2 in/min, 50 mm/min)	D-638	psi(Mpa)	3,200 (22)
Elongation at Yield (2 in/min, 50 mm/min)	D-638	%	5
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	D-790A	psi(Mpa)	140,000 (966)
Notched Izod Impact Strength at 23°C	D-256A	ft-lbs/in(J/m)	2.3 (123)

