

PP Copolymer
Injection Molding**Icelene NB1200****PRODUCT DESCRIPTION**

Icelene NB1200 is a medium melt flow rate, nucleated and antistatic polypropylene impact copolymer designed for injection molding applications. The grade benefits from a high stiffness, high impact resistance at room and low temperatures, excellent mold release, and good static dissipation.

This material complies with FDA regulations in 21 CFR, section 177.1520

Properties	Test Method	English		SI	
		Typical Value	Unit	Typical Value	Unit
Melt Flow Index (230°C/2.16 kg)	ASTM D1238	12	g/10 min.	12	g/10 min
Density	ASTM D1505	0.9	g/cc	0.9	g/cc
Tensile @ yield	ASTM D638	3260	psi	22.5	Mpa
Tensile @ Break	ASTM D638	2610	psi	18	Mpa
Elongation (2 in/min) @ Yield	ASTM D638			6.60	%
Elongation (2 in/min) @ Break	ASTM D638			375	%
Flexural Modulus 1 % Secant	ASTM D790A	154,000	psi	1063	Mpa
Notched IZOD @ 23° C	ASTM D256	No Break		No Break	
Notched IZOD @ -20° C	ASTM D256	1.7	(ft-lb/in)	8.9	Kj/m ²
Hardness Rockwell R	ASTM D785			66	
Deflection Temperature @ 66 psi (455 kPa)	ASTM D648	201	F	94	C
Deflection Temperature @ 264 psi (1820 kPa)	ASTM D648	127	F	53	C
Vicat Softening Point	ASTM D1525	291	F	144	C
Gloss @ 60° angle	ASTM D2457			68	

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