

HP300N

Polypropylene, Homopolymer Injection grade

PRODUCT DESCRIPTION

Icelene HP300N is a certified prime homopolymer with nucleation to provide fast cycle time and improve contact clarity in thin wall multi-cavity molds. ICELENE Polypropylene HP300N complies with all applicable FDA regulations for food contact applications.

Product features good colorability, flow and stiffness. It can be used both in compounding and injection molding, thin wall containers

APPLICATIONS

- Containers
- Other Industrial application
- caps and closures
- Leisure and Toys

Properties*	Test Method	Typical Value	Unit
Melt Flow Index (230°C/2.16 kg)	ASTM D1238	30	g/10 min.
Density,	ASTM D1505	0.905	g/cc
Tensile	ASTM D638	5600(39)	psi(MPa)
Flexural Modulus	ASTM D790	260,000(1790)	psi(MPa)
Tensile Modulus	ASTM D638	250,000(1725)	psi(MPa)
Elongation	ASTM D638	11	%
Izod Impact 73 °F	ASTM D256A	0.6(32)	ft-lbs/in(J/m)
Hardness	ASTM D785A	107	Rockwell R
Melting Point	DSC	330(165)	°F(°C)

* These are typical properties : not to be construed as specification.

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