

HP120N

Polypropylene, Homopolymer Injection grade

PRODUCT DESCRIPTION

Icelene HP120N is a certified prime homopolymer with nucleation to provide fast cycle time and improve contact clarity in thin wall multi-cavity molds. ICELENE Polypropylene HP120N complies with all applicable FDA regulations for food contact applications.

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

APPLICATIONS

- Containers
- Other Industrial application
- Sports
- Leisure and Toys

Properties*	Test Method	Typical Value	Unit
Melt Flow Index (230°C/2.16 kg)	ASTM D1238	12	g/10 min.
Density,	ASTM D1505	0.905	g/cc
Tensile	ASTM D638	5400(35.9)	psi(MPa)
Flexural Modulus	ASTM D790	230,000(1206)	psi(MPa)
Tensile Modulus	ASTM D638	250,000(1380)	psi(MPa)
Tensile Strength	ASTM D638	10	%
Izod Impact 73 °F	ASTM D256A	0.5(26.7)	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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