

Polypropylene, Homopolymer

Polypropylene, Homopolymer Injection grade

(Produced with Basell technology)

PRODUCT DESCRIPTION

Icelene 1209 general purpose polypropylene homopolymer is typically used in injection molding application.

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	0.9	g/cc
Flexural Modulus			
(0.05 in/min, 1% Secant, Procedure A)	ASTM D790	21000	psi
(1.3 mm/min, 1% Secant, Procedure A)	ASTM D790	1450	Mpa
Tensile Strength, @ Yield			
(2 in/min)	ASTM D638	4900	psi
(50mm/min)	ASTM D638	34	Mpa
Tensile Elongation @ Yield	ASTM D638	11	%
Notched Izod Impact			
73 °F Method A	ASTM D256	0.6	ft-lb/in
23 °C Method A	ASTM D256	32	J/m
Deformation Temperature Under Load (Unannealed)			
(66psi)	ASTM D648	200	F °
(0.45 Mpa)	ASTM D648	93	C°

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

Before using a product sold by ICD America LLC, users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally

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