



Formosa Plastics®

Formolene® PP

Formolene® 4100T/ISO Format

Homopolymer for General Purpose Injection Molding

Formolene® 4100T is a homopolymer polypropylene designed for various general purpose injection molded applications such as closures, small appliances, housewares and toys. It contains a unique combination of stabilizers, which provides excellent processability with good stiffness, environmental stress crack resistance, heat performance and minimal odor & taste.

Formolene® 4100T meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles and components of articles intended for direct food contact. For additional information on approved conditions of use for food contact applications, please refer to the "Products" section on our website (<http://www.fpcusa.com/ourproducts.html>).

This material is free of animal-derived content.

Typical Properties of this Commercial Grade

Property	Test Method	Units	Value
Melt Flow Rate, I2 @ 230°C	ISO 1133	g/10 min	35
Density	ISO 1183	g/cm3	0.9
Tensile Strength at Yield (50 mm/min)	ISO 527	MPa	35
Elongation at Yield (50 mm/min)	ISO 527	%	9
Flexural Modulus (1.3 mm/min), 1% Secant	ISO 178	MPa	1510
Notched Izod Impact Strength @ 73°F	ISO 180	KJ/m2	2.2
Notched Charpy Impact Strength @ 73°F	ISO 179	KJ/m2	2.1
Heat Deflection Temperature @ 66 psi	ISO 75	°C	88
Heat Deflection Temperature @ 264 psi	ISO 75	°C	52

*Note: Specimens were injection molded according to the conditions specified in ASTM D4101.
Data for representative purposes only; not to be construed as product specification.
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