Formosa Plastics®

Formolene® PP

Formolene® 4111T

Homopolymer for Non-Wovens and Extrusion Coating

Formolene® 4111T is a polypropylene homopolymer manufactured with a non-phthalate catalyst system and does not include intentionally-added phthalate compounds. Formolene® 4111T is designed for extrusion coating and non-woven applications. Its unique combination of stabilizers provides excellent gas fading resistance and good processability.

Formolene® 4111T meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR177.1520, 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 web site (http://www.fpcusa.com/ourproducts.html).

This material is free of animal-derived content.

Expected Properties of this Developmental Grade

Property	Test Method	Typical Values	
		English	SI
Melt Flow Rate, I_2 @ 230°C	ASTM D1238	35 g/10 min	35 g/10 min
Density	ASTM D1505	0.9 g/cm^3	0.9 g/cm^3
Tensile Strength at Yield (50 mm/min)	ASTM D638	5,300 psi	37 MPa
Elongation at Yield (50 mm/min)	ASTM D638	8 %	8 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	220,000 psi	1517 MPa
Rockwell Hardness	ASTM D785	110 R Scale	110 R Scale
Notched Izod Impact Strength @ 73°F	ASTM D256A	0.4 ft-lb/in	21 J/m

Notes: 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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