

Formosa Plastics Formolene® 4111T Homopolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Homopolymer for Non-Wovens and Extrusion Coating Formolene® 4111T is a low viscosity, polypropylene homopolymer designed for extrusion coating, and Nonwoven applications. Its unique combination of stabilizers provides excellent gas fading resistance and good processability. Formolene® 4111T meets all 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. Specimens were injection molded according to the conditions specified in ASTM D4101 Information provided by Formosa Plastics Corporation, USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Formosa-Plastics-Formolene-4111T-Homopolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	35 g/10 min @Temperature 230 °C	35 g/10 min @Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Yield	34.5 MPa	5000 psi	2" (50mm) per min; ASTM D638
Elongation at Yield	9.0 %	9.0 %	2" (50mm) per min; ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	1.3mm per min, 1% secant; ASTM D790
Izod Impact, Notched	0.214 J/cm @Temperature 23.0 °C	0.400 ft-lb/in @Temperature 73.4 °F	ASTM D256

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