

# Formolene® 4111T

Polypropylene Homopolymer

Formosa Plastics Corporation, U.S.A.

## Message:

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.

General Information			
Additive	Unspecified Stabilizer		
Features	Food Contact Acceptable		
	Gas-fading Resistant		
	Good Processability		
	Homopolymer		
	Low Viscosity		
Uses	Nonwovens		
	Non-wovens Coatings		
Agency Ratings	EC 1907/2006 (REACH)		
	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, Injection Molded)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield, Injection Molded)	34.5	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield, Injection Molded)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup> (Injection Molded)	1240	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	21	J/m	ASTM D256
NOTE			

1.	50 mm/min
2.	50 mm/min
3.	1.3 mm/min

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#### Recommended distributors for this material

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