Manufacturer website: https://www.fpcusa.com/

Formosa Plastics®

Formolene® PP

Formolene® 3302B

Random Copolymer for Extrusion and Thermoforming Applications

Formolene® 3302B is a low melt flow, random copolymer polypropylene with good clarity, fast cycle time and easy mold release, designed for extrusion processing and thermoforming.

The use of an advanced nucleator provides the desirable aesthetic values of neutral color and low haze. It also provides fast crystalinity speed and uniform, isotropic shrinkage which enables fast forming.

Formolene® 3302B 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	Typical values	
		English	SI
Melt Flow Rate, I_2 @ 230°C	ASTM D1238	2.3 g/10min	2.3 g/10min
Density	ASTM D1505	0.9 g/cm3	0.9 g/cm3
Tensile Strength at Yield (50 mm/min)	ASTM D638	4,300 psi	30 MPa
Elongation at Yield (50 mm/min)	ASTM D638	13 %	13 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D 790	160,000 psi	1100 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	3.0 ft-lb/in	160 J/m
Plaque Haze, %	FPC method	24 %	24 %

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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