Formosa Plastics®

Formolene® PP

Formolene® 1202K

Homopolymer for BOPP Film

Formolene® 1202K is a high molecular weight, polypropylene homopolymer designed for biaxially oriented film (BOPP). It has been designed for improved processability in the orientation process, which also results in better end use performance than existing grades. It does not contain slip or antiblock.

Formolene® 1202K 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	3 g/10min	3 g/10min
Density	ASTM D1505	0.9 g/cm3	0.9 g/cm^3
Tensile Strength at Yield (50 mm/min)	ASTM D638	5000 psi	34 MPa
Elongation at Yield (50 mm/min)	ASTM D638	10 %	10 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	200,000 psi	1379 MPa
Rockwell Hardness	ASTM D785	104 R Scale	104 R Scale
Notched Izod Impact Strength @ 73°F	ASTM D256A	0.5 ft-lb/in	27 J/m

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. Published 06/18

Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (888) FPCUSA3 • Fax: (973) 422-7772

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