Formosa Plastics®

Formolene® PP

Formolene® 3310Z

Random Copolymer for Extrusion Applications

Formolene® 3310Z is a medium flow, random copolymer polypropylene designed for extrusion applications. It is a barefoot resin with a stabilization package formulated without animal derivative material (ADM). Potential applications include cast film and other uses which require good clarity and gel free content.

Formolene® 3310Z 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).

Typical Properties of this Commercial Grade

Property	Test Method	Typical values	
		English	SI
Melt Flow Rate, I2 @ 230°C	ASTM D1238	10 g/10 min	10 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	4000 psi	28 MPa
Elongation at Yield (50 mm/min)	ASTM D638	15 %	15 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	130,000 psi	896 MPa
Rockwell Hardness	ASTM D785	96 R scale	96 R Scale
Notched Izod Impact Strength @ 73°F	ASTM D256A	1.5 ft-lb/in	80 J/m
Heat Deflection Temperature @ 66 psi	ASTM D648	194 °F	90 °C
Film Haze (0.5 mil thickness), %		< 1 %	< 1 %

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. Published 12/15, Revised 3/18

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