



# Formolene® HB6007F

## A Homopolymer High Density Polyethylene (HDPE) Resin Designed for Liquid Food Blow Molding Applications Requiring a Synthetic Antistatic Additive

Formolene® HB6007F is a high quality product for those critical food packaging requirements. It also has good stiffness properties and contains a antistatic additive to help dissipate dust particles on bottle surfaces.

Formolene® HB6007F meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact.

### Suggested Applications:

Milk Soft Drink Concentrate  
Distilled Water Fruit Juice, etc.

### Nominal Physical Properties:

PROPERTY*	ASTM TEST METHOD	ENGLISH		SI	
		Unit	Value	Unit	Value
Density	D1505	g/cc	0.964	g/cc	0.964
Melt Index, Condition E, 190°C/2.16 kg	D1238	g/10 min.	0.70	g/10 min.	0.70
Environmental Stress Crack Resistance (ESCR) Condition B, F <sub>50</sub> (100% Igepal)	D1693	h	15-20	h	15 –20
Tensile Yield Strength, 2" (50 mm) per min.	D638 Type IV	psi.	4400	MPa	30
Ultimate Elongation, 2" (50 mm) per min.	D638 Type IV	%	>300	%	>300
Brittleness Temperature	D746	°F	<-180	°C	<-118
Flexural Modulus	D790	psi.	240,000	MPa	1654

\* Physical properties reported herein were determined on compression molded specimens prepared in accordance with Procedure C of ASTM D1928.

The nominal properties reported herein are typical of the product but do not reflect normal testing variance and therefore should not be used for specification purposes.

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