



**Preliminary Data Sheet**

**Formolene HB6007**

**Melt Index – 0.65**

*(Produced using licensor formulation for EHM 6007)\**

**Density – 0.964**

**High Density Polyethylene  
Homopolymer for Blow Molding**

Formolene HB6007 is a high quality product for those critical food packaging requirements. It is also has excellent stiffness and good stiffness properties.

Formolene HB6007 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, Distilled water, Soft drink concentrate, Fruit juice, etc.

**Nominal Physical Properties**

PROPERTY**	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.	0.65	g/10 min.	0.65
Environmental Stress Crack Resistance (ESCR)					
Condition A, F <sub>50</sub> (100% Igepal)	D1693	h	15-20	h	15-20
Condition B, F <sub>50</sub>	D1693	h	10	h	10
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

\* Our licensor does not warrant or imply that this product meets their specifications for EHM 6007

\*\* 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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