

# Formolene® HB5202A

High Density Polyethylene Copolymer

Formosa Plastics Corporation, U.S.A.

## Message:

(Produced using licenser formulation for HHM 5202LD) High Density Polyethylene Hexene Copolymer for Blow Molding - With Antistat  
Formolene HB5202A is designed for applications requiring excellent stiffness and stress crack resistance properties.

General Information			
Additive	Antistatic		
Features	Antistatic		
	Copolymer		
	Good Stiffness		
	Hexene Comonomer		
	High ESCR (Stress Crack Resist.)		
Uses	Containers		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.35	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance			
Compression Molded, F50	50.0	hr	ASTM D1693B
100% Igepal, Compression Molded, F50	50.0	hr	ASTM D1693A
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield, Compression Molded)	26.9	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break, Compression Molded)	> 600	%	ASTM D638
Flexural Modulus (Compression Molded)	1310	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature <sup>3</sup>	< -118	°C	ASTM D746
NOTE			
1.	Type IV, 51 mm/min		
2.	Type IV, 51 mm/min		
3.	Compression Molded		

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Recommended distributors for this material

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