

Bapolene® 5010H

High Density (HMW) Polyethylene

Bamberger Polymers, Inc.

Message:

This resin is a high molecular weight, high density copolymer polyethylene resin. Product exhibits superior impact strength and ESCR. Resin contains a process stabilizer and complies with FDA 21 CFR 177.1520.

General Information			
Additive	Processing Stabilizer		
Features	High ESCR (Stress Crack Resist.)		
	High Impact Resistance		
	High Molecular Weight		
Uses	Blow Molding Applications		
	Drums		
	Fuel Tanks		
	Jerricans		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.951	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal)	> 920	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.0	MPa	ASTM D638
Tensile Elongation (Break)	820	%	ASTM D638
Flexural Modulus	1270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	12.0	kJ/m ²	ASTM D256

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

