

TITANZEX® HB5200

High Density Polyethylene

Lotte Chemical Titan (M) Sdn. Bhd.

Message:

TITANZEX® HB5200 is a High Density Polyethylene material. It is available in Asia Pacific for blow molding.

Important attributes of TITANZEX® HB5200 are:

Good Stiffness

High ESCR (Stress Crack Resistant)

Impact Resistant

Typical applications include:

Containers

Consumer Goods

General Information			
Features	Good Impact Resistance		
	Good Stiffness		
	High ESCR (Stress Crack Resist.)		
Uses	Blow Molding Applications		
	Containers		
	Cosmetics		
	Industrial Containers		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.20	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	250	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	63		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	25.5	MPa	
Break	32.4	MPa	
Tensile Elongation (Break)	500	%	ASTM D638
Apparent Bending Modulus	981	MPa	ASTM D747
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	128	°C	ASTM D1525

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

