

HIPLEX® HHM 5202

High Density Polyethylene

HIP-PetroHemija

Message:

HIPLEX® HHM 5202, copolymer of ethylene and hexene, with relatively high molecular weight and medium molecular weight distribution, is blow moulding grade for production of small and medium size containers. HIPLEX® HHM 5202 has good rigidity, hardness, impact strength, outstanding environmental stress cracking resistance, and excellent processability.

General Information			
Features	Copolymer		
	Good Impact Resistance		
	Good Processability		
	Hexene Comonomer		
	High ESCR (Stress Crack Resist.)		
	High Hardness		
	High Molecular Weight		
	High Rigidity		
	Med.-Wide Molecular Weight Distrib.		
Uses	Blow Molding Applications		
	Industrial Containers		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.951	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.20	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (Condition B, F50)	> 100	hr	ISO 22088
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	64		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	24.0	MPa	
Break	30.0	MPa	
Tensile Strain (Break)	800	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	100	J/m	ISO 180
Thermal	Nominal Value	Unit	Test Method

Vicat Softening Temperature	126	°C	ISO 306/A
Additional Information	Nominal Value	Unit	
Blow Molding Temperature	170 to 205	°C	

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



WECHAT