



# Futrol Petrochem

A chemistry of trust. Since 2001

## TECHNICAL DATA SHEET

**PRODUCT DISCRPTION** : HCH 5110 has been manufactured using Basell Lupotch G<sup>®</sup> licensed technology and the appropriate manufacturing parameters and hence is equivalent to Basell Lupotch<sup>®</sup> HDPE 5121B grade.

**APPLICATIONS**: HDC 5110 is suitable for Bags, Products for Use in Property

**TRADE NAME**: HDPE HC 5110

HDPE HC 5110			
PROPERTY	VALUE	UNIT	TEST METHOD
<b><u>Physical Properties</u></b>			
Density (at 27°C)	950	kg/cm <sup>3</sup>	ISO 1183
MFR(190 °C/21.6kg)	10	dg/min	ISO 1133
<b><u>Mechanical properties</u></b>			
Tensile Modulus	1050	Mpa	ISO 527-1
Tensile Strength (MD)	55	Mpa	ISO 527-1,3
Tensile Strength(TD)	55	Mpa	ISO 527-1,3
Tensile strain at Break (MD)	580	%	ISO 527-1
Tensile strain at Break (TD)	620	%	ISO 527-1
Tensile Stress at Yield	26	Mpa	ISO 527-1
Tensile Strain at Yield	10	%	ISO 527-1
<b><u>Thermal Properties</u></b>			
Vicat Temp,(A50,50°C/h,10N)	132	°C	ISO 306
Vicat Temp,(A50,50°C/h,50N)	127	°C	ISO 306

For more information about this product and other products in our range please scan the following

**WEBSITE**  
[www.futrolpetrochem.com](http://www.futrolpetrochem.com)

**EMAIL SALES**  
[sales@futrolpetrochem.com](mailto:sales@futrolpetrochem.com)