



SPECIFICATION SHEET

Product Description: HCH 5110 has been manufactured using Basell Lupotech G licensed technology and the appropriate manufacturing parameters and hence is equivalent to Basell Lupolen® HDPE 5121B grade.

Applications: HCH 5110 is suitable for Bags, Products for Use in Property

Trade Name: HDPE HCH 5110

PROPERTY	VALUE	UNIT	TEST METHOD
<u>Physical Properties</u>			
Density (at 27°C)	950	kg/cm ³	ISO 1183
MFR (190°C/21.6kg)	10	dg/min	ISO 1133
<u>Mechanical Properties</u>			
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	%	
<u>Thermal Properties</u>			
Vicat Temp, (A50,50°C/h,10N)	132	°C	ISO 306
Vicat Temp, (A50,50°C/h,50N)	127	°C	ISO 306