



Ethylplus is a range of polyethelene based compounds specially designed for those applications requiring superior thermo-mechanical properties, outstanding heat resistance and high electrical properties.



QTY: 200 tons

Solid Insulations

Properties	Test method	Unit	Ethylplus 627 HD
Density	ISO 1183	g/cm3	0,950
Hardness at 15"	ISO 868	Shore D	57
Tensile strength at break (v = 250 mm/min)	ISO 527	N/mm2	>18
Elongation at break (v = 250 mm/min)	ISO 527	%	>400
Melt Flow Index (2,16Kg at 190°C)	ISO 1133	g/10 min	0,9
Volume Resistivity 20°C (Alternating Polarity Method)	ASTM D257 Electrodes	Ωcm	> 1 x 10 ¹⁶
Description	Solid HDPE for insulation		

Solid Sheathing

Properties	Test method	Unit	Ethylplus 627 HD
Density	ISO 1183	g/cm ³	0,950
Hardness at 15"	ISO 868	Shore D	57
Tensile strength at break (v = 250 mm/min)	ISO 527	N/mm ²	>18
Elongation at break (v = 250 mm/min)	ISO 527	%	>400
Melt Flow Index (2,16Kg at 190°C)	ISO 1133	g/10 min	0,9
Volume Resistivity 20°C (Alternating Polarity Method)	ASTM D257 Electrodes	s Ωcm	> 5 x 10 ¹⁵
ESCR (IGEPAL 10% at 50°C)	IEC 60811-4-1/B (f0)	h	>100
Description	Solid HDPE for sheathing		