

HDPE TECHNICAL VALUES			
	Unit	Test Method ISO	Value
General Properties			
Density	gr/cm ³	1183	0,94
Water Absorption (saturation in water of 23°C)	%	62	0
Mechanical Properties			
Tensile Strength at Break	Kg/cm ²	527	200
Impact Resistance (Charpy, unnotched)	Kj/m ²	179	No break
Hardness	Shore D	868	60
Thermal Properties			
Maximum Allowable Service Temperature in Air - Continuous	°C	-	70
Minimum Allowable Service Temperature in Air - Continuous	-°C	-	-25
Coefficient of Linear Thermal Expansion	°C ⁻¹	11359	1,5x10⁻⁴