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## DATA SHEET

### PE HD

#### Material

Polyethylene (High Density)

#### Characteristics

Density	ISO 1183		g/cm <sup>3</sup>	0,95
Yield stress	DIN EN ISO 527	50 mm/min	M Pa	23
Elongation at yield stress	DIN EN ISO 527	50 mm/min	%	9
Tensile E module	DIN EN ISO 527	1 mm/min	M Pa	800
Impact strength	ISO 179	+23°C	kJ/m <sup>2</sup>	33
Hardness Shore D	ISO 868			
Volume resistivity	IEC 60093	1 min, 1000 V	Ω cm	>10 <sup>15</sup>
Surface resistance	IEC 60093		Ω	>10 <sup>15</sup>
Dielectric strength	IEC 60243-1		kV/mm	>53
Dielectric constant	IEC 60250	1 kHz		2,35
VICAT softening point	ISO 306 A/10 N	50 K/h	°C	74
Mean coefficient of thermal expansion	DIN 53752		K <sup>-1</sup>	1,5X10 <sup>-4</sup>
Behaviour in fire	DIN 4102			B2
Temperature range				Up to 80°C



Approved ( US Food and Drug Administration ). Según Código Federal de Regulación , Título 21.