



Technical Datasheet: HD-4440EA

Product Description:

HD-4440EA is a high density polyethylene copolymers containing butane-1 as the comonomer with narrow molecular weight distribution. It is for extrusion of silane crosslinked pipes (PE-Xb).

Applications:

- Hot water pipes
- Cold water pipe

Typical data:

Property	Test method	Unit	value
MFI(190°C/ 2.16Kg)	ASTM D 1238	gr/10Min	4.0
MFI(190°C / 5.0Kg)	ASTM D 1238	gr/10Min	-
Density	ASTM D 1505	g/cm ³	0.944
Flexural Modulus	ASTM D 790	MPa	900
Tensile strength at yield	ASTM D 638	Mpa	18
Elongation at yield	ASTM D 638	%	900
Charpy Impact strength	ASTM D 256	Kj/m ²	5
Hardness Shore D	ASTM D 2240	-	62
ESCR, F50, 10% Igepal	ASTM D1894	Hr	18
Vicat Softening Temperature	ASTM D 1525	°C	177
Melting Point	ASTM D2117	°C	130

* Typical values not to be construed as specifications.