



NAME: HD4005EA

Product Description:

HD4005EA is high density polyethylene copolymer containing butene-1(C4) as comonomer. It is suitable for use as pipe coating applications.

HD4005EA has the following characteristics:

Good impact strength and chemical resistance, high ESCR

Applications:

Pipe coating applications

Typical data: (Table)

PROPERTY	UNIT	METHOD	VALUE
MELT FLOW INDEX(2.16KG)	g/10min	ASTM D-1238	0.5
DENSITY	gr/cm ³	ASTM D-1505	0.940
TENSILE STRESS AT YEILD	MPA	ASTM D-638	17
TENSILE STRESS AT BREAK	MPA	ASTM D-638	26
ELONGATION AT BREAK	%	ASTM D-638	600
O.I.T.	MIN	ASTM D-3895	45
HARDNESS	-	ASTM D-2240	55
MELTING POINT	°C	ASTM D-1525	125
VICAT SOFTENING POINT	°C	ASTM D-1525	115

*All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests. For more information about guaranteed items, please refer to S.S.S. (Standard Sales Specifications)
Grade Suffix (Additive Indication):