



## POLYETHYLENE -(HDPE)

### HD5030EA - (T.P.C)

#### Product Description:

HD5030EA is high density polyethylene copolymer containing butene-1(C4) as co monomer.HD5030EA has the following characteristics: good impact strength, excellent surface finish. This grade has food contact approval.

#### Applications:

Caps and closures for packaging with free torque advantage.

#### Typical data - HD5030EA

RESIN PROPERTIES	TEST METHOD	UNIT	VALUE
MELT FLOW INDEX(190°C 2.16KG)	ASTM D-1238	g/10min	2
DENSITY	ASTM D-1505	gr/cm <sup>3</sup>	0.952
YELLOWNESS INDEX	ASTM E-313	-	-1
WHITENESS INDEX	ASTM E-313	-	60
CONTAMINATION	BP137	NO.	5
VICAT SOFTENING POINT	ASTM D-1525	°C	112
TENSILE STRESS AT YEILD	ASTM D-638	MPA	20
TENSILE STRESS AT BREAK	ASTM D-638	%	1100
CHARPY IMPACT	ASTM D-6110	KJ/M2	15

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(Additives Indication):EA:GENERAL ANTIOXIDANT.