

HDPE 5030EA Technical Datasheet

1) 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.

2) Applications:

caps and closures for packaging without free torque advantage

3) Typical data:

Property	Test method	Unit	value
MELT FLOW INDEX(190°C 2.16KG)	ASTM D-1238	g/10 min	2
DENSITY	ASTM D-1505	gr/cm3	0.952
YELLOW INDEX	ASTM E-313	-	-1
WHITENESS INDEX	ASTM E-313	-	60
CONTAMINATION	BP137	NO.	5
VICAT SOFTENING POINT	ASTM D-1525	°C	112
VICAT SOFTENING POINT	ASTM D-638	MPA	20
ELONGATION AT BREAK	ASTM D-638	%	1100
CHARPY IMPACT	ASTM D-6110	KJ/M2	15