

**Technical Data Sheet**

**HDPE HD-5030EA**  
High Density Polyethylene

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

**Applications:**

caps and closures for packaging

Properties	Value	Units	Test Method
Melt Flow Rate (190 C/2,16kg)	2	g/ml	ASTM D1238
Density	0.952	g/cm3	ASTM D1505
Yellow index	-1	--	ASTM E 313
Whiteness index	60	--	ASTM E 313
Contamination	5	NO.	BP 137
Vicat softening point	112	(°C)	ASTM D1525
Tensile stress at yeild	20	MPA	ASTM D 638
Elongation at break	1100	%	ASTM D 638
Charpy impact	15	(kJ/m2)	ASTM D 6110

\*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):