

Technical Data Sheet

HDPE HD-5030SA
High Density Polyethylene

HD5030SA is high density polyethylene copolymer containing butene-1(C4) as comonomer with medium content of slip agent additive.

HD5030SA has the following characteristics:

good impact strength, excellent surface finish, caps with torque free property. 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):

SA:GENERAL ANTIOXIDANT AND SLIP AGENT