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TABRIZ PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE HDPE 5030EA

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.

Producer	Characteristic Properties	Applications
TABRIZ	good impact strength, excellent surface finish	Caps & Closures without Torque Free Property

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
MELT FLOW INDEX (190°C 2.16KG)	g/10min	2.2	ASTM D 1238
Density	g/m3	0.952	ASTM D-1505
YELLOW INDEX	-	-1	ASTM E-313
WHITENESS INDEX	-	60	ASTM E-313
VICAT SOFTENING POINT	°C	112	ASTM D-1525
TENSILE STRESS AT YEILD	MPA	20	ASTM D-638
ELONGATION AT BREAK	%	1100	ASTM D-638
CHARPY IMPACT	KJ/M2	15	ASTM D-6110
CONTAMINATION	NO.	5	BP137