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TABRIZ PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE HD5030SA

HD5030SA is high density polyethylene copolymer containing butene-1(C4) as co monomer 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.

Producer	Characteristic Properties	Applications
TABRIZ	Good impact strength Excellent surface finish - Torque-free caps Food contact grade	caps and closures for packaging with free torque advantage.

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
Melt Flow Index (190°C/2.16 kg)	g/10min	1.8	ASTM D-1238
Density	g/cm ³	0.948	ASTM D-1505
Yellowness Index	-	-1	ASTM E-313
Whiteness Index	g/cm ³	60	ASTM E-313
Vicat Softening Point	°C	112	ASTM D-1525
Tensile Stress at Yield	MPa	20	ASTM D-638
Elongation at Break	%	1100	ASTM D-638
Charpy Impact	KJ/M ²	15	ASTM D-6110