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HIGH-DENSITY POLYETHYLENE HD5030SA

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

HD5030SA has the following characteristics:

good impact strength, excellent surface finish, and caps with torque-free properties. This grade has food contact approval.

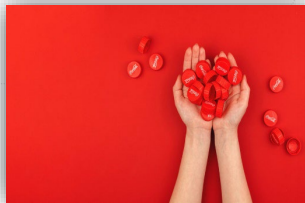
Producer:

Lorestan Petrochemical Company

NO	Property	Units	Condition	Value	Test Method
1	Melt Flow Rate (MFR)	g/10 min	190°C/2.16 kg	2.7-3.3	ASTM D1238
2	Density	g/cm ²	23°C	0.948-0.952	ASTM D1505
3	F/E Ratio	-	-	26±2	ASTM D1238
4	Vicat	°C	-	132	ASTM D1525
5	Tensile Stress @Yield	Mpa	-	28	ASTM D638
6	Tensile Strain @Yield	%	-	8	ASTM D638
7	Flexural Modulus	Mpa	-	1100	ASTM D790
8	Izod Impact Resistance	J/m	Notched Method	127	ASTM D256
9	ESCR (IGEPAL 10%)	HR	(F50, 50°C)	>500	ASTM D1693
10	Contamination	%	-	<20	BASELL MTM-17064 E

Applications:

- Injection Molding Grade for Caps & Closure, Blending, Lamination



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