

DATE: 2024-2025

Arena Code: AS10349/TPC-HD 5030EA

Producer and Supplier in the fields of Chemical, Oil, Gas and Petrochemical industries

## **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	J -1	ueo	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

<sup>\*</sup>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



Head Office:

Head Office: Unit 1011, 10th Floor, Kian Center 2 , Janbaz Blvd, Mashhad, Iran

Postal Code : 9197810030 Tell:+98-51-3883 9090

Fax:+98-51-3883 9010 We Mobile: +98 915 005 1050 E-1

Website: www.arena-petrogas.com E-mail: info@arena-petrogas.com

