

C1012 Normal Paraffin

Technical Data Sheet



SASOL

Description

Sasol Chemicals C1012 Normal Paraffin is a high purity, linear, saturated paraffin mixture primarily in the C10-C12 carbon range. It is a water-white, oily liquid with a low viscosity and low odor.

Applications

Sasol Chemicals C1012 Normal paraffin may be used in a wide array of applications including agricultural compositions, lubricants and consumer products.

Properties

Typical physical properties are listed in the table to the right. Actual properties will vary from lot to lot.

Contact information

For technical information:

Product Steward

2201 Old Spanish Trail

Westlake, Louisiana 70669

Telephone: +1(337)494-4133

TDS.ProductSteward@us.sasol.com

For sales, pricing or samples,

contact a sales representative at:

Telephone: +1(281)588-3870

alkylates@us.sasol.com

Regulatory Compliance

If this material is used in a consumer product or in certain other specific applications, some exemptions may apply. Please contact a sales representative for more information on particular FDA regulations or for solvent status as an LVP-VOC for consumer products.

Typical properties	Method	C1012 Paraffin
Total n-paraffins, wt.%	GC/UV	96 min.
C9 & lower		1 max.
C10 + C11		45 min.
C12		10 min.
C13		15 max.
C14 & higher	1.5 max.	
% Aromatic	UV	1.0 max.
Color, Saybolt Universal	ASTM D-156	25 min.
Distillation Range °C (°F)	ASTM D-86	183–189 (361–372) 220–227 (428–440)
IBP		
EP		
Vapor Pressure, torr @ 20°C/68°F	API, Calc	1 max.
Viscosity, cSt @ 40°C/104°F	ASTM D-445	1.2–1.3
Bromine Number	ASTM D-1159	0.2 max.
Flash Point, (PM) °C (°F)	ASTM D-93	63 (145)
Pour Point, °C (°F)	ASTM D-97	-27 (-17)
Density, lb/gal @ 20°C/68°F	ASTM D-4052	6.2
Freeze Point, °C (°F)	ASTM D-2386	-28 (-18)

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Sasol Chemicals North America LLC

12120 Wickchester Lane, Houston, TX 77079-2990

Phone +1 (281)588-3000, info@us.sasol.com

www.sasolnorthamerica.com