

Exxsol™ Hexane SP

Dearomatized Fluid

Product Description

Mixed hexane grade suitable for all major polymerization processes

General

Specification Region ▪ Asia Pacific

Properties	Minimum	Maximum	Unit	Test Method
2-Methylpentane + 3-Methylpentane	--	Report Only	wt%	ASTM D5134 (mod) Gas Chromatography
Appearance	Bright & Clear	--		Visual
Aromatic Content	--	10	wppm	AMS 140.31
Benzene Content	--	5	wppm	UV Analysis
Bromine Index	--	10	mg/100 g	ASTM D2710
C ₆ , Total	--	Report Only	wt%	ASTM D5134 (mod) Gas Chromatography
Color, Saybolt	+30	--		ASTM D156
Density (15°C)	0.670	0.683	kg/dm ³	ASTM D4052
n-Hexane & Isohexane	80	--	wt%	ASTM D5134 (mod) Gas Chromatography
n-Hexane Content	44	--	wt%	Gas Chromatography ASTM D5134 (mod)
Naphthenic Content	--	20	wt%	ASTM D5134 (mod) Gas Chromatography
Non Volatile Matter	--	0.5	mg/hml	ASTM D1353
Sulfur Content	--	1.0	wppm	ASTM D5453
UV Absorbance ¹				UV Analysis
280 to 400 nm	--	0.05		
240 to 280 nm	--	0.15		
Water Content	--	100	wppm	ASTM E1064
Composition	Minimum	Maximum	Unit	Test Method
Cyclohexane	--	1.0	wt%	ASTM D5134 (mod) Gas Chromatography
Methylcyclopentane	--	Report Only	wt%	ASTM D5134 (mod) Gas Chromatography
Distillation	Minimum	Maximum	Unit	Test Method
Distillation Range				ASTM D1078
Initial Boiling Point (IBP)	64.0	--	°C	
Dry Point (DP)	--	70	°C	

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Notes

The test methods specified above, or their equivalent, will be used. Applicable sampling and testing methods are subject to change without notice and are available for review on request. The values indicated in this document may deviate from the test method requirements by the number of significant figures shown. Results may be based on tank certification, manufacturing data, periodic testing and/or most recent product restock.

This product, including the product name, shall not be used or tested in any medical application without the prior written acknowledgement of ExxonMobil Chemical as to the intended use. For detailed Product Stewardship information, please contact Customer Service.

¹ Normalized to 1cm cell

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