ExxonMobil

Exxsol™ Hexane

Dearomatized Fluid

Product Description

Mixed hexane grade suitable for most extraction processes

Key Features

1. Narrow boiling range for quality consistency
2. Very low benzene content for food contact applications
3. Low non-volatile matter for best quality of extraction products
4. Very low sulfur content (typically 1 ppm or lower) - no corrosion effects on equipment and virtually no residue

General

Availability [1]	▪ Africa & Middle East	▪ Europe
Revision Date	▪ 07/01/2020	

Properties	Typical Value	(English)	Typical Value	(SI)	Test Based On
Aniline Point	64	°C	64	°C	ASTM D611
Appearance	Bright & Clear		Bright & Clear		EC A-A01
Aromatic Content	≤0.001	wt%	≤0.001	wt%	UV1
Benzene Content	≤1	mg/kg	≤1	mg/kg	UV2
Bromine Index	1	mg/100 g	1	mg/100 g	ASTM D2710 (mod)
Color, Saybolt	+30		+30		ASTM D6045
Density (15°C)	678	kg/m³	678	kg/m³	ISO 12185
Evaporation Rate (n-BuAc = 100)	1400		1400		ER 1-12
Flash Point	-28	°C	-28	°C	Calculated
Non Volatile Matter	< 10	g/m³	< 10	g/m³	ASTM D1353
Refractive Index (20°C)	1.380		1.380		ASTM D1218
Solubility	7.27	√(cal/cm³)	7.27	√(cal/cm³)	EC A-S03
Sulfur Content	≤1	mg/kg	≤1	mg/kg	ASTM D5453

Composition	Typical Value	(English)	Typical Value	(SI)	Test Based On
2-Methylpentane	16	wt%	16	wt%	GC2
3-Methylpentane	16	wt%	16	wt%	GC2
Cyclohexane	2	wt%	2	wt%	GC2
Methylcyclopentane	15	wt%	15	wt%	GC2
n-Hexane	50	wt%	50	wt%	GC2
Paraffins, Total	83	wt%	83	wt%	GC2

Distillation	Typical Value	(English)	Typical Value	(SI)	Test Based On
Distillation Range					ASTM D1078
Initial Boiling Point (IBP)	66	°C	66	°C	
Dry Point (DP)	69	°C	69	°C	

Notes

Typical properties: these are not to be construed as specifications.

The values indicated in this document may deviate from the test method requirements by the number of significant figures shown.

Typical values may be calculated based upon measured values of blend components, if applicable.

Values may be determined by one or more ExxonMobil test methods equivalent to industry standard test methods.

Applicable sampling and testing methods are subject to change without notice and are available for review on request.

[1] Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

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