

Isopar™ H

Isoparaffin Fluid

Product Description

High purity synthetic isoparaffinic hydrocarbon fluid, suitable for:

- Aerosols
- Cleaning
- Coatings
- Cosmetics / personal care products
- Household products
- Liquid toners
- Metalworking
- Radical polymerization processes

Key Features

1. Essentially odorless, providing comfort for both workers and end-users
2. Narrow boiling ranges for optimal combination of flash point and drying time
3. Extremely low aromatic content/ suitable for many food contact applications
4. High chemical stability for good end-product shelf life
5. Low freeze point
6. Low electrical conductivity
7. Low surface tension for superior wetting and surface spreading
8. Compatible with most packaging materials

General

Availability¹ ▪ Latin America ▪ North America
 Revision Date ▪ 10/01/2018

Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Aniline Point	85 °C	85 °C	ASTM D611
Aromatic Content	0.001 wt%	0.001 wt%	AMS 140.31
Color, Saybolt	+30	+30	ASTM D6045
Density (15.6°C)	6.32 lb/gUS	6.32 lb/gUS	ASTM D4052
Evaporation Rate ² (n-BuAc = 100)	6.9	6.9	Calculated
Flash Point	53 °C	53 °C	ASTM D93
Kauri Butanol Value	26	26	ASTM D1133
Kinematic Viscosity			FPA7042
25°C	1.80 cSt	1.80 cSt	
40°C	1.41 cSt	1.41 cSt	
Refractive Index (25°C)	1.421	1.421	ASTM D1218
Specific Gravity (15.6/15.6°C)	0.758	0.758	ASTM D4052
Vapor Pressure (20°C)	0.6 mm Hg	0.6 mm Hg	Calculated

Distillation	Typical Value (English)	Typical Value (SI)	Test Based On
Distillation Range			ASTM D86
Initial Boiling Point (IBP)	178 °C	178 °C	
Dry Point (DP)	189 °C	189 °C	

Notes

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

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.

² @ 25 deg C

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For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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