

Exxsol™ Pentane 78

Pentane Fluid

Product Description	Key Features
High purity normal pentane suitable for: Blowing agents Consumer products/ aerosol Cosmetics/personal care products Polymer processing	<ol style="list-style-type: none"> 1. Very low benzene content for food contact applications 2. Compliant with most food contact legislations for polymerization aids 3. Low non-volatile matters 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	▪ 03/01/2020	

Properties	Typical Value (English)	Typical Value (SI)	Test Based On
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	12 mg/100 g	12 mg/100 g	ASTM D2710 (mod)
Color, Saybolt	30	30	ASTM D6045
Density (15°C)	630 kg/m ³	630 kg/m ³	ISO 12185
Evaporation Rate (n-BuAc = 100)	4800	4800	ER 1-12
Flash Point	-50 °C	-50 °C	Calculated
Non Volatile Matter	< 10 g/m ³	< 10 g/m ³	ASTM D1353
Refractive Index (20°C)	1.357	1.357	ASTM D1218
Sulfur Content	< 1 mg/kg	< 1 mg/kg	ASTM D5453
Viscosity (25°C)	0.33 mm ² /s	0.33 mm ² /s	Calculated

Composition	Typical Value (English)	Typical Value (SI)	Test Based On
iC5 + nC5	99 wt%	99 wt%	GC2
Isopentane	22 wt%	22 wt%	GC2

Distillation	Typical Value (English)	Typical Value (SI)	Test Based On
Distillation Range			EC M-F16
Initial Boiling Point (IBP)	34 °C	34 °C	
Dry Point (DP)	35 °C	35 °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.

Exxsol™ Pentane 78
Pentane Fluid

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

©2020 ExxonMobil. ExxonMobil, the ExxonMobil logo, the interlocking "X" device and other product or service names used herein are trademarks of ExxonMobil, unless indicated otherwise. This document may not be distributed, displayed, copied or altered without ExxonMobil's prior written authorization. To the extent ExxonMobil authorizes distributing, displaying and/or copying of this document, the user may do so only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. You may not copy this document to or reproduce it in whole or in part on a website. ExxonMobil does not guarantee the typical (or other) values. Any data included herein is based upon analysis of representative samples and not the actual product shipped. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We based the information on data believed to be reliable on the date compiled, but we do not represent, warrant, or otherwise guarantee, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, suitability, accuracy, reliability, or completeness of this information or the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of or related to anyone using or relying on any of the information in this document. This document is not an endorsement of any non-ExxonMobil product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "ExxonMobil Chemical" and "ExxonMobil" are each used for convenience, and may include any one or more of ExxonMobil Chemical Company, Exxon Mobil Corporation, or any affiliate either directly or indirectly stewarded.

exxonmobilchemical.com