

INEOS Solvents Sales specification

Diisopropyl Ether

Chemical name	2-Isopropoxy Propane
Synonyms	DIPE
CAS number	108-20-3
Index number	603-045-00-X
EEC number	203-560-6
Molecular formula	C ₆ H ₁₄ O
Relative molecular weight	102.18

Description Diisopropyl Ether of min. 99.0 % mass purity

Specifications

Properties	Units	Limits	Test method		
			ASTM	ISO	Other
Appearance		Clear and free from suspended matter	D4176		visual
Colour	Pt-Co	max 10	D1209	6271	
Water	mass %	max 0.1	D1364	760	
Acidity as CH ₃ COOH	mass %	max 0.001	D1613		DIN 55652
Diisopropyl Ether	mass %	min 99.0			GC
Further properties		Typical values			
Density @ 20°C	g/ml	0.724-0.726	D4052	12185	
Distillation at 101.3 kPa:			D1078	918	
Initial boiling point:	°C	67.0			
Final boiling point:	°C	70.0			
Refractive index, n _D ^D ₂₀		1.367-1.369	D1218	5661	
Non volatile matter	mg/100ml	max 1	D1353	759	

(Revision 4, June 2014)

Diisopropyl Ether contains 10 ppm (max) of Ionol® CP inhibitor to prevent the formation of peroxides.

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The Sales Specification values are continuously checked, documented and stored within the scope of quality assurance.

Further properties are of an informational nature only and are not checked regularly. If the Sales Specifications are complied with, it can generally be assumed that all further properties and typical data conform to the values given.

Disclaimers

Because of the nature of our manufacturing process, our product DIPE does not contain any plant or animal products.

It is the responsibility of our customers to determine that their use of our product(s) is safe, lawful and technically suitable in their intended applications. Because of possible changes in law and regulations, as well as possible changes in our products, we cannot guarantee that the status of this product will remain unchanged. We, therefore, recommend that customers continuing to use our products verify their status periodically.

Product Safety

For details for the safety handling of the product, please see our material safety data sheet.