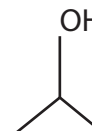


iso-PROPANOL (ANHYDROUS)

| | |
|----------------------------------|-----------------------------------|
| CHEMICAL NAME | Propan-2-ol |
| CAS NUMBER | 67-63-0 |
| INDEX NUMBER | 603-117-00-0 |
| EEC NUMBER | 200-661-7 |
| MOLECULAR FORMULA | C ₃ H ₈ O |
| RELATIVE MOLECULAR WEIGHT | 60.10 |
| PRODUCT CODE | 2131 |
| DESCRIPTION | iso-Propanol of 99.9% mass purity |



| Properties | Units | Limits | Test Methods | |
|---------------------------------|--------|--------------------------------------|--------------|------|
| | | | ASTM | ISO |
| Appearance | | Clear and free from suspended matter | D4176 | |
| Colour | Pt-Co | 10 max | D1209 | 6271 |
| Water | mass % | 0.1 max | D1364 | 760 |
| Acidity as CH ₃ COOH | mass % | 0.001 max | D1613 | 2887 |
| iso-Propanol | mass % | 99.9 min | | |

| Further Properties | Typical values | | | |
|--|----------------|-------------|-------|-------|
| Density at 20°C | g/ml | 0.784-0.786 | D4052 | 12185 |
| Distillation at 101.3 kPa: | | | | |
| Initial boiling point | °C | 82.0 | D1078 | 918 |
| Final boiling point | °C | 83.0 | | |
| Refractive index, n _D ²⁰ | | 1.377 | D1218 | 5661 |
| Non volatile matter | mg/100ml | < 1 | D1353 | 759 |

Uses

As a solvent in lacquers, lacquer thinners, liquid printing inks, fountain solution in lithographic printing process, disinfectants, fungicides, latex rubber production, antifreeze, and screenwash.

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.

iso-PROPYLOL

| | |
|----------------------|--|
| CHEMICAL NAME | iso-Propanol-ethanol mixture |
| PRODUCT CODE | 2127 |
| DESCRIPTION | Essentially iso-propyl alcohol containing ethyl alcohol. |

| Properties | Units | Limits | Test Methods | |
|--------------------------|--------|--------------------------------------|--------------|------|
| | | | ASTM | ISO |
| Appearance | | Clear and free from suspended matter | D4176 | |
| Colour | Pt-Co | 10 max | D1209 | 6271 |
| Water | mass % | 0.1 max | D1364 | 760 |
| iso-Propanol (dry basis) | mass % | 85.0 min | | |
| Ethanol (dry basis) | mass % | 15.0 max | | |
| n-Propanol (dry basis) | mass % | 2.0 max | | |

| Further Properties | Typical values | | | |
|----------------------------|----------------|-------------|-------|-------|
| Density at 20°C | g/ml | 0.784-0.786 | D4052 | 12185 |
| Distillation at 101.3 kPa: | | | D1078 | 918 |
| Initial boiling point | °C | 82.1 | | |
| Dry point | °C | 83.0 | | |

Uses

As a solvent in the following applications:

Lacquers, lacquer thinners, etch primers, liquid printing inks, disinfectants, fungicides, latex rubber production, foundry dressings, stain removers, antifreeze and as a fountain solution in lithographic printing.

A raw material for the manufacture of:

Xanthates, acetates and mixed alkylated glycol ethers.

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.

Iso-propylol (Technical Grade)

**CHEMICAL NAME
DESCRIPTION**

A blend of C₂ and C₃ alcohols
Ethyl alcohol blend of 60% volume purity

| Properties | Units | Limits | Test Methods | |
|---------------------|----------|--------------------------------------|--------------|-------|
| | | | ASTM | ISO |
| Appearance | | Clear and free from suspended matter | D4176 | |
| Water | mass % | 2.5 max | D1364 | 760 |
| Density at 20°C | g/ml | 0.800 max | D4052 | 12185 |
| iso-Propanol | mass % | 40 min | | |
| Ethanol (dry basis) | volume % | 60 max | | |

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.