



SALES SPECIFICATIONS

APC Product : MEK
APC Spec. No. : 02-002-0
Effective Date : 1 April 2018

Description

Methyl Ethyl Ketone, MEK, is a low boiling, fast evaporating solvent is a colourless, stable liquid, partially miscible with water.
Methyl Ethyl Ketone displays exceptionally good solvency for most resinous materials including epoxy resins, nitro-cellulose, ethyl cellulose, cellulose-aceto-butyrates, alkyd, polyester, polyurethane, acrylic resins, vinyl polymers and copolymers. Also readily dissolved are practically all synthetic and natural resins commonly employed in the formulation of printing inks, lacquers, and other types of coatings.
In addition, its complete miscibility with most other solvent as well as alcohols and hydrocarbon diluents makes Methyl Ethyl Ketone a highly desirable and versatile solvent in surface coating applications.

Specification

<u>Properties</u>	<u>Unit</u>	<u>Test Method</u>	<u>Value</u>
Purity	% m/m	GC	99.0 min
Colour (Pt-Cobalt)		ASTM D1209	10 max
Density @ 20 °C	g/ml	ASTM D4052	0.804 - 0.806
Water Content	% m/m	ASTM D1364	0.15 max
Distillation, IBP	°C	ASTM D1078	78.0 min
Distillation, DP	°C	ASTM D1078	81.0 max
Acidity as acetic acid	% m/m	ASTM D1613	0.003 max
Non-volatile matter	g/100ml	ASTM D1353	0.003 max

Application

Applications for Methyl Ethyl Ketone include lubricating oil dewaxing, the preparation of solvent dispersed adhesives and the manufacture of insecticides, artificial leather, and industrial cleaning compounds, printing inks used on cellulose derivatives, wood treatment, laminates and magnetic tapes.
Methyl Ethyl Ketone forms the main component in universal lacquer thinner formulations for e.g. spray applications.
Methyl Ethyl Ketone also finds extensive use as an extracting agent and as a versatile chemical intermediate.