



บริษัท พลวัต อินเตอร์เคม จำกัด

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SALES SPECIFICATIONS

ACETONE

Description

Acetone (Dimethyl Ketone, DMK) is a colorless, low boiling, fast evaporating, stable liquid with characteristic odour, and is miscible in all proportions with water, alcohols, many hydrocarbons and other organic liquids. It has outstanding solvent properties for vegetable and animal fats, cellulose ether, natural and synthetic resins including acrylics, vinyl polymer, nitrocellulose, cellulose acetate and other cellulose derivatives and many organic substances.

Sales specification

Property	Unit	Test Method	Value
Appearance	-	Visual	Clear & Bright
Color	Pt-Co Scale	ASTM D 1209	5 Max
Density @ 20 Deg C.	kg/l	ASTM D 4052	0.790-0.792
Distillation range	Deg C	ASTM D 1078	1.0 Max., from start to dry incl. 88.1
Water content	% Wt.	ASTM D 1384	0.5 Max
Acidity as acetic acid	% Wt.	ASTM D 1613	0.002 Max
Non-Volatile matter	g/100 ml	ASTM D 1383	0.001 Max
Purity	% Wt.	G.C.	99.8 Min
Permanganate test time @ 25 Deg.	-	ASTM D 1383	90 Min

Typical Properties

Property	Unit	Test Method	Value
Density @ 30 Deg C.	kg/l	ASTM D 4052	0.78
Flash point, Abel	Deg C	IP 170	-18
Refractive index	-	ASTM D 1218	1.359
Residue on evaporation	mg/100 ml	ASTM D 1353	

Applications

Solvent for lacquers and paints, adhesives, acetylcellulose, acetylene, cosmetic and photographic products; dehydrating, extraction and crystallizing agent. Starting material for many syntheses, e.g. for the production of methacrylates, synthetic resins, pharmaceutical products and perfumes. Since most waxes, oils, fats, greases, and dye materials are soluble in acetone, it is ideally suitable as extraction media.