

乙二醇醚酯系列

Ethylene Glycol Monoethyl Ether Acetate series

↓ DCAC

CAS	111-15-9	112-15-2	/
分子式(Chemical Formula)	CH <sub>3</sub> COOCH <sub>2</sub> CH <sub>2</sub> OC <sub>2</sub> H <sub>5</sub>	CH <sub>3</sub> COOCH <sub>2</sub> CH <sub>2</sub> OCH <sub>2</sub> CH <sub>2</sub> OC <sub>2</sub> H <sub>5</sub>	CH <sub>3</sub> CH <sub>2</sub> COOCH <sub>2</sub> CH <sub>2</sub> OC <sub>2</sub> H <sub>5</sub>
英文名 English name	Ethylene glycol monoethyl ether acetate(CAC)	Diethylene glycol monoethyl ether acetate(DCAC)	Ethylene glycol monoethyl ether propionate (ECP)
外观 Appearance	无色透明液体 Colorless and transparent liquid	无色透明液体 Colorless and transparent liquid	无色透明液体 Colorless and transparent liquid
含量≥%(GC法) Purity≥%(GC)	99.5	99.0	99.0
馏程(760mmHg° C) Distillation Range(760mmHg° C)	154.0-160.0	213.0-223.0	169.0-175.0
水份(%)≤(卡尔·费休法) Water Content≤%(KF)	0.05	0.05	0.05
酸度(醋酸计) Acidity (AS HAC) ≤%	0.02	0.03	0.02
比重(d <sub>4</sub> <sup>20</sup> ) Specific Gravity (d <sub>4</sub> <sup>20</sup> )	0.9730±0.005	1.0096±0.005	/
色度≤(Pt-Co) Color ≤(Pt-Co)	15	10	15
包装储运 Package and transportation	200KGS/桶 危货 200KGS/Drum Hazardous Chemical	200KGS/桶 普货 200KGS/Drum Common Chemical	200KGS/桶 危货 200KGS/Drum Hazardous Chemical

应用:

乙二醇醚酯醋酸酯主要用于金属、家具喷漆的溶剂, 刷涂漆用溶剂, 还可用作保护性涂料、染料、树脂、皮革、油墨的溶剂, 也可用于金属、玻璃等硬表面清洗剂的配方中, 并可作化学试剂。二乙二醇醚酯醋酸酯主要作为乳胶漆的助聚结剂, 由于本品有着优良的溶解性和缓慢的蒸发速度, 因而在生产缓慢干燥的硝基纤维素漆、天然漆或喷漆工艺中, 是十分理想的溶剂。乙二醇醚酯丙酸酯称为漫流平溶剂。主要用于汽车原厂漆, 汽车修补漆, 电子产品漆, 听罐涂料漆, 木器漆, 船舶漆等溶剂。具有高电阻性, 蒸发速度慢, 良好的流动性, 流平性。在喷漆应用中改善了气体释放和表现效果, 有较低的水溶性。

Application

**Ethylene Glycol Ethyl Ether Acetate** is mainly used as solvents for the metal, furniture spray paint and smear paint. It also can be used as solvents of protective paint, dyestuff, resin, leather, printing ink and can be used in the formula of metal, glasses etc hard superficial cleaner and can be used as chemical reagent. **Diethylene Glycol monoethyl ether acetate** can be used as polymerizable reagent of emulsion paint. Due to the excellent solubility and slow speed of evaporating, it is ideal solvent in the production technique of slow drying nitrocellulose paint, natural paint or spray paint.

**Ethylene Glycol Monoethyl Ether Propionate** is named as slow leveling solvent. It is mainly use as solvents for automotive original paint and repair paint, electronic products paint, tin and can coatings, wood lacquer, marine coatings. It has high resistance, slow evaporation velocity and good flow ability and leveling property. In the paint spray application, it helps to reduce gas release and enhance appearance. It has low water solubility.