



Kowa American Corporation

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S P E C I F I C A T I O N S

PROPYLENE CARBONATE (PC)

<u>PROPERTY</u>	<u>SPECIFICATION</u>	<u>TYPICAL VALUE</u>
ASSAY (BY GC)	99.5 % MIN.	99.6 %
WATER (BY KF)	.03% MAX.	.02
COLOR (APHA)	15 MAX.	10
DENSITY	1.195 – 1.205	1.200

GENERAL PROPERTIES

CLEAR COLORLESS LIQUID WITH PLEASANT FRUITY TYPE ODOR

CAS NUMBER / MW	108-32-7 / 102.09
FLASH POINT (CLOSED CUP)	253°F (123°C)
BOILING POINT (@ 760 mm Hg)	240 – 243 °C (465 – 470 °F)
FREEZING POINT	- 49° C (- 46° F)
BULK DENSITY (@ 20 °C)	10.0 lbs/GALLON
EVAPORATION RATE (Bu ACETATE = 1.0)	< .005
REFRACTIVE INDEX ND ₂₅	1.419
VISCOSITY (cps @ 25°C)	2.4
VAPOR PRESSURE (mmHg @ 25°C)	0.03
SOLUBILITY IN WATER	21 %
SOLUBILITY WATER IN PC	8 %

PACKING 200 KG (441 LB) NET WT. DRUMS OR BULK