

## BASF Ethylene Carbonate S

Category : Fluid

**Material Notes:**

Formula: C<sub>3</sub>H<sub>4</sub>O<sub>3</sub>CAS: 96-49-1Description: Ethylene carbonate is a colorless to yellow solid, with a fruity odor. It is fully soluble in water.Synonyms: EC, 1,3-Dioxolan-2-oneApplications: Intermediate used in the production of Pharmaceuticals, Cosmetics, Plasticizers, Additives for fuels and lubricants, Foundry core resins, Solvent, Electronic industry and Li-ion batteryInformation provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ethylene-Carbonate-S.php](http://www.lookpolymers.com/polymer_BASF-Ethylene-Carbonate-S.php)

Physical Properties	Metric	English	Comments
Density	1.32 g/cc	0.0477 lb/in <sup>3</sup>	
Molecular Weight	88.1 g/mol	88.1 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	36.0 °C	96.8 °F	
Boiling Point	246 °C	475 °F	
Flash Point	150 °C	302 °F	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.10 %	<= 0.10 %	DIN 51 777

Descriptive Properties	Value	Comments
Assay	>99.5%	
Color	<20	APHA, DIN EN 1557
Ignition Temperature	465°C	

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