

TECHNICAL DATA SHEET

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FUMARIC ACID

PRESENTATION:

Fumaric acid is found abundantly in nature. Fumaric acid has a slight acid taste. It is free flowing, stable and non-hygroscopic.

APPLICATIONS:

Fumaric acid applications can be found in the food industry, unsaturated polyester resins, polyol synthesis

TYPICAL PROPERTY

PROPERTY	UNIT	TYPICAL	TEST METHOD
Appearance		White crystalline powder	
Odor		none	
Density (20°C)	g/cm ³	1,635	ASTM D 4052**
Maleic acid	%	0.05	GC*
Color APHA (5% alcohol solution)		20	ASTM D 1209*
Heavy metals	mg/kg	10	ICP*
Solubility in water at 30°C	g/100 ml	0.7	OECD method 105*
Moisture	% wt	0.5	ASTM E 203*
Residue on ignition	% wt		ASTM E 2403*

*or equivalent method

** Measured at 80 °C

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