

Technical data sheet

SMA 2000 F

September 2002*

INTRODUCTION

SMA[®] 2000, is a styrene – maleic anhydride resin with a molar ratio Styrene/Maleic Anhydride close to 2/1.

F grades : resin in brittle flakes.

SALES SPECIFICATION

Acid Number (mg KOH/g)	335 - 375	Method 8130
Kinematic viscosity (cSt)	0.67 – 0.77	Method 8134

(Analytical methods are available upon request)

SUGGESTED APPLICATIONS

SMA Resins are a key additive in many different applications :

Emulsion polymerization, paper sizing, wax emulsion, chemical intermediate.

PERFORMANCE PROPERTIES

Heat resistance
High gloss
Polymeric surfactant

TYPICAL PROPERTIES

- Physical State : Solid - Flakes
- Colour : White
- Tg (°C) : 135
- Resin Molecular weight, Mw : 7500
- Resin Molecular weight, Mn : 3000
- Solubility (g/100 ml solvent) at 25°C :
 - Acetone : > 50
 - MEK : > 50
 - THF : > 50
 - Ethyl acetate : > 50
 - Toluene : < 1
 - n-Hexane : < 1

*Supersedes data sheet April 2002

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PACKAGING

SMA 2000 F is packed as follows :

- 90.9 kg fiber drums which can be palletized

SMA 2000 F can be delivered in big bags upon request.

SHELF LIFE STABILITY

SMA F stability is excellent : shelf life is one year minimum under normal conditions.

STORAGE AND HANDLING

Storage should be in a ventilated area protected from heat. The containers should be stored well closed. Ensure appropriate exhaust and ventilation at machinery and at places where dust can be generated.

HEALTH AND SAFETY

Full health and safety data sheets in accordance with EEC regulations are available on our web site (www.crayvalley.com).

The information given herein must be read in conjunction with the relevant Health and Safety Data.

Starting point formulations and suggestions for use are given for guidance and are made without warranty. Nor should it be construed as permission or inducement to practise any invention by patent without authority from the owner thereof.