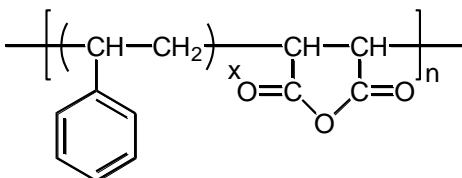


## Technical Data Sheet:

## SMA<sup>®</sup> 2021

### STYRENE MALEIC ANHYDRIDE COPOLYMER



#### DESCRIPTION

SMA<sup>®</sup> 2021 is a medium molecular weight styrene maleic anhydride copolymer with approximate 2:1 mole ratio. SMA 2021 is available in flake or powder form.

#### PRODUCT HIGHLIGHTS

Balance higher styrene content with solubility in aqueous base  
Broad miscibility in solvents/resins  
High heat resistance and high water resistance

#### PERFORMANCE PROPERTIES

Water resistance  
Heat resistance

#### SUGGESTED APPLICATIONS

Polymer modification  
Leather re-tanning  
Graphic arts  
Coatings, overprint varnishes

<p><b>SMA<sup>®</sup> 2021</b> <b>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</b></p>
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Appearance	Off-white flake or powder
Acid Number, mg KOH/gm	355
Color, Gardner	1-2
M <sub>n</sub> , g/mol.	12000
M <sub>w</sub> , g/mol.	21000
Non-volatiles, % min.	99
T <sub>g</sub> , °C	155
Viscosity, Kinematic (centistokes)	1.2

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