

A-C[®] 573A

Ethylene maleic anhydride copolymer in powder form. The functionalization of a non polar polyethylene with 0.5% maleic anhydride, yielding a saponification (SAP) Number of 5, provides the low molecular weight copolymer with non polar and polar characteristics. The grafting of maleic anhydride provides polarity without polymer degradation such as oxidation will. The maleic anhydride provides the ability to boost adhesion making it very suitable for adhesive applications. The low level of maleic anhydride, along with a patented Honeywell grafting process, aids thermal stability versus the competition and more highly maleated versions. Provides a boost in adhesion to paraffin based coatings for cardboard box coatings/saturants, providing increased moisture resistance and crush strength. Is a dispersing agent for color masterbatch in olefinic resin systems.

TYPICAL PROPERTIES

Property	Value
Hardness	4.5
Viscosity @ 140° C	600
Drop Point, Mettler	106°C(223°F)
Density	0.92

REGULATORY APPROVALS

Property	Value
Plastic Pipe Institute/NSF*	No
FDA Indirect Approvals*	Yes

PRODUCT FORM AND SIZE

Property	Value
Product Form	Powder

DISCLAIMER: Although all statements and information contained herein are believed to be accurate and reliable, they are presented without guarantee or warranty of any kind, express or implied. Information provided herein does not relieve the user from the responsibility of carrying out its own tests and experiments, and the user assumes all risks and liability for use of the information and results obtained. Statements or suggestions concerning the use of materials and processes are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should not assume that all toxicity data and safety measures are indicated herein or that other measures may not be required.

© 2019 Honeywell International Inc.

All rights reserved

Honeywell