

# A-C<sup>®</sup> 597P

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Propylene Maleic Anhydride Copolymer, with a SAP # of 90, in pastille form. The functionalization of a non polar polypropylene, with maleic anhydride, provides the low molecular weight copolymer with both 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, including aqueous. A patented Honeywell process, which achieves a higher percentage of grafted maleic anhydride, aids thermal stability over competitive versions. It is used as a coupling agent for mineral or cellulosic filled composite systems.

## TYPICAL PROPERTIES

Property	Value
Hardness	<0.5
Viscosity @ 190°C, cps	350
Drop Point, Mettler	141°C (286°F)
Density	0.94

## REGULATORY APPROVALS

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

## PRODUCT FORM AND SIZE

Property	Value
Product Form	Pastille

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