

TECHNICAL DATA SHEET 449

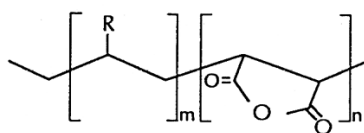
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Anhydride-functional Polymers

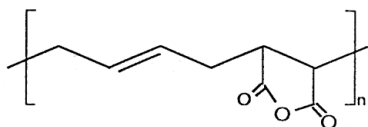
The carboxylic anhydride group in these polymers reacts readily with reagents such as amines, alcohols, thiols, and hydrazine. The resulting polyacid derivatives are generally water insoluble but are soluble in dilute alkali. Of potential special interest is their reaction with natural products and bioactive molecules which can be immobilized in this manner. Reaction with polyfunctional reagents results in insoluble gels which retain considerable carboxylic acid functionality.

Included in this listing are anhydride homopolymers and copolymers in which the comonomer is varied from hydrophilic to hydrophobic.

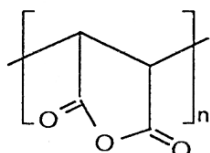
Anhydride Copolymers



Cat. #	Description	Size
02308	Poly(ethylene-maleic anhydride), 1:1 [9006-26-2]	50g
05152	Poly(maleic anhydride-1-octadecene) 1:1 [25266-02-8] MW 20,000-25,000	100g
18407	Poly(styrenesulfonic acid-maleic anhydride, 3:1) Low MW	25g



07788	Poly(butadiene-maleic anhydride) 1:1 [25655-35-0] 25% solids in acetone	500g
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02348	Poly(maleic anhydride) [24937-72-2]	5g
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