

DEFENSIVE PUBLICATION

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900 O.G. 1231

T900,019

POLYETHYLENE

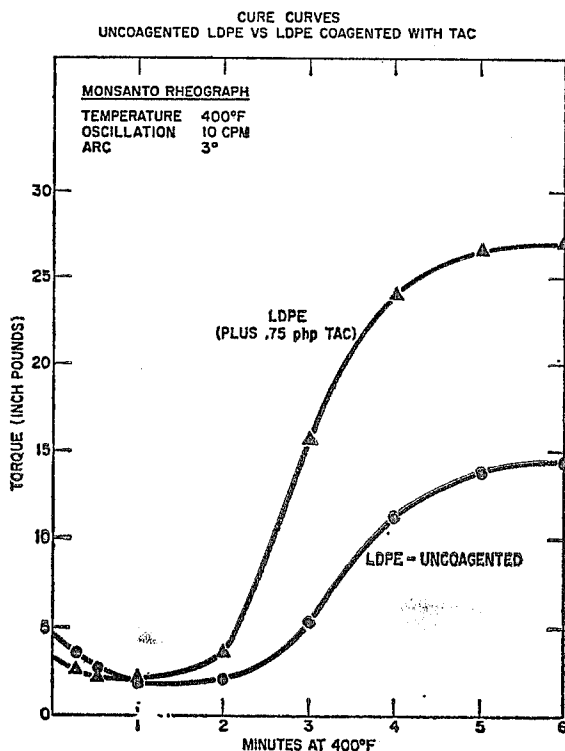
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2 Sheets Drawing. 17 Pages Specification



Peroxide cured polyethylene homo- and copolymers having improved physical properties, i.e. greatly reduced void formation and increased cure rate and state, are prepared by incorporation of minor amounts of EPDM's and/or coagents such as triallyl cyanurate, trimethylol propane trimethacrylate, ethylene dimethacrylate, m-phenylene bis maleimide, etc. These cured polymers are useful as electrical insulators, e.g. for high voltage wire and cable.

July 25, 1972

J. J. MURPHY, JR., ET AL

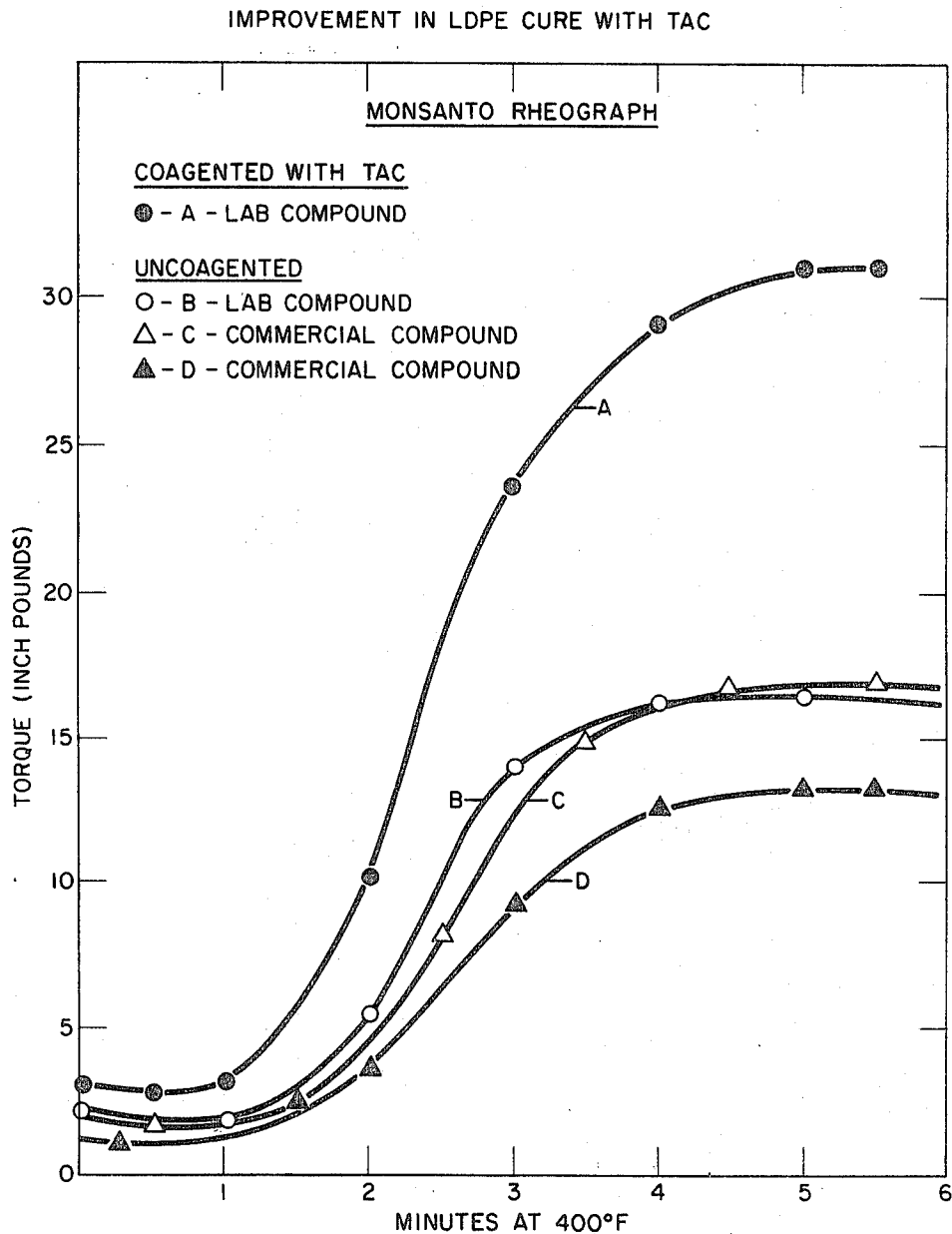
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FIGURE 1



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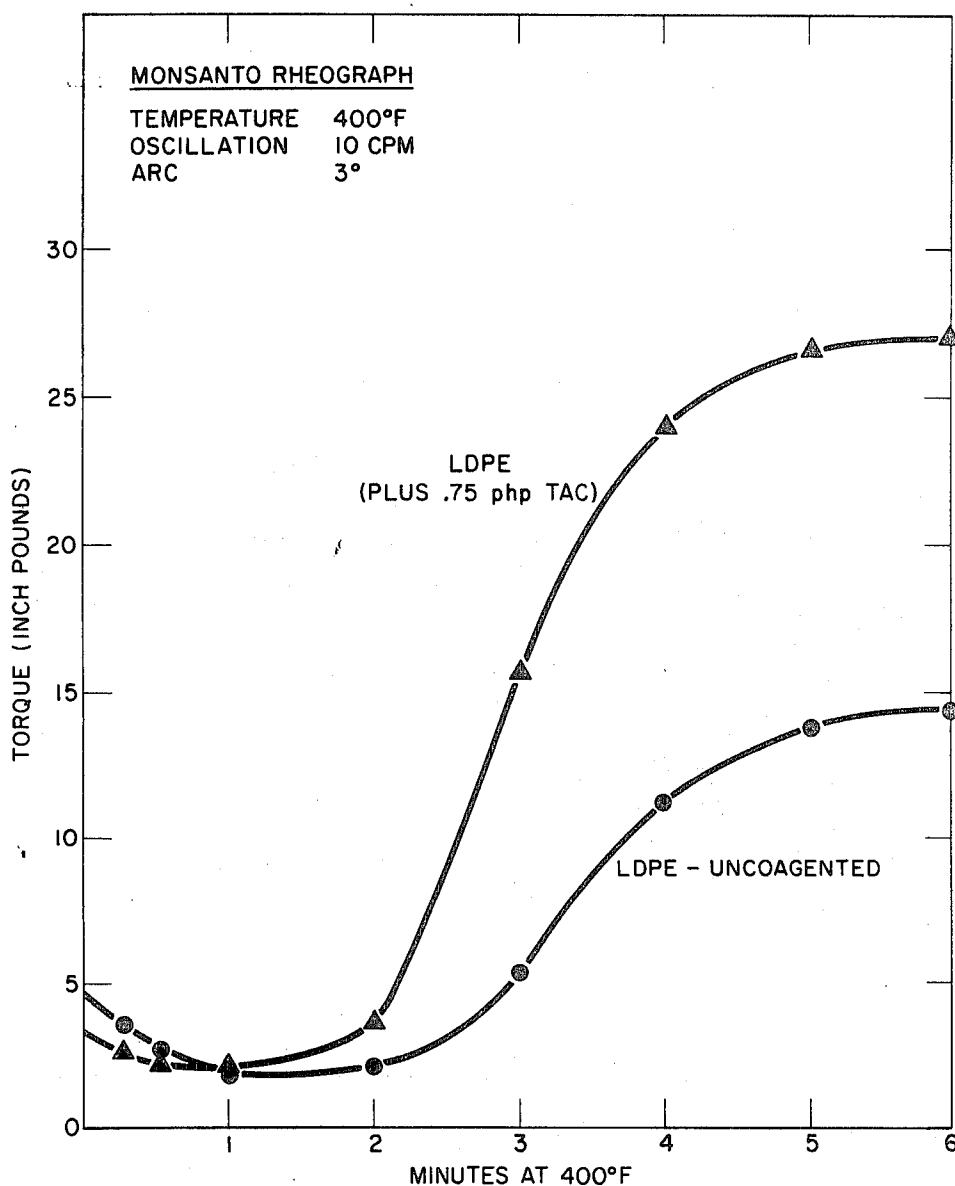
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FIGURE 2

CURE CURVES
UNCOAGENTED LDPE VS LDPE COAGENTED WITH TAC



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