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The Research and Development on Energetic Binders for Propellants Abroad

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Abstract: The research and development on energetic binders for propellants abroad are summarized, focusing on the synthesis and applications of several thermoplastic elastomers, such as GAP, polymer of NIMM and copolymer of BAMO/AMMO etc. All of them are promising in potential uses in propellants.

Key words: energetic binder; thermoplastic elastomer; GAP; NIMM; BAMO; AMMO

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