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(54) Title: PROPYLENE-BASED ELASTOMERS AND USES THEREOF

(57) Abstract: The present invention provides curable and cured propylene-based elastomers, optionally including a diene, and having isotactic polypropylene crystallinity, a melting point by DSC equal to or less than 110°C, and a heat of fusion of from 5 J/g to 50 J/g. The present invention also provides blend compositions comprising any of the propylene-based elastomers described herein. The present invention also provides compositions comprising any of the propylene-based elastomers described herein and 1 to 100 parts by weight of inorganic filler per 100 parts of polymer. The present invention also provides films, fibers, non-wovens, molded objects, and extruded forms which include any of the inventive compositions described herein.

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