

Title (en)

THE USE OF LINEAR TRIETHYLENTETRAMINE AS CURING AGENT FOR EPOXY RESINS

Title (de)

VERWENDUNG VON LINEAREM TRIETHYLENTETRAMIN ALS HÄRTUNGSMITTEL FÜR EPOXIDHARZE

Title (fr)

UTILISATION DE TRIÉTHYLÈNETÉTAMINE LINÉAIRE EN TANT QU'AGENT DURCISSANT POUR RÉSINES ÉPOXYDES

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Application

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Abstract (en)

[origin: WO2011107512A1] The present invention relates to an amine composition comprising linear triethylenetetramine and one or more amine compounds selected from the group consisting of tertiary amines derived from the condensation of ethylenediamine and methyl- substituted compounds derived from linear triethylenetetramine as well as a method of production for said composition. The present invention also relates to the use of linear triethylenetetramine or an amine composition according to the invention as amine curing agents. The present invention also relates to amine curing agent compositions comprising linear triethylenetetramine as well as to curable compositions comprising linear triethylenetetramine and to a method for producing said curable compositions. Additionally, the present invention relates to a cured epoxy resin comprising linear triethylenetetramine, especially a reinforced composite, and a method for producing said cured epoxy resins. Furthermore, the present invention relates to reactive polyamide resins obtainable from linear triethylenediamine and dimer fatty acids. The present invention relates to an amine composition comprising linear triethylene- tetramine and one or more amine compounds selected from the group consisting of tertiary amines derived from the condensation of ethylenediamine and methyl- substituted compounds derived from linear triethylenetetramine as well as a method of production for said composition. The present invention also relates to the use of linear triethylenetetramine or an amine composition according to the invention as amine curing agents. The present invention also relates to amine curing agent compositions comprising linear triethylenetetramine as well as to curable compositions comprising linear triethyl- enetetramine and to a method for producing said curable compositions. Additionally, the present invention relates to a cured epoxy resin comprising linear triethylenetetramine, especially a reinforced composite, and a method for producing said cured epoxy resins. Furthermore, the present invention relates to reactive polyamide resins obtainable from linear triethylenediamine and dimer fatty acids.

IPC 8 full level

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