

Title (en)

NOVOLAK RESINS, METHOD FOR PREPARING SAME AND USES THEREOF

Title (de)

NOVOLAKHARZE, VERFAHREN ZU IHRER HERSTELLUNG UND IHRE VERWENDUNGEN

Title (fr)

RESINES NOVOLAQUES, LEUR PROCEDE DE PREPARATION ET LEURS UTILISATIONS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0220636A1] The invention concerns novel novolak resins obtained by condensation of at least an aromatic compound (A) comprising at least two hydroxyl groups and at least an aldehyde (B) in the presence of an acid catalyst and in the presence of water and/or an organic solvent, followed by a step consisting in alkylating the resulting condensation resin with at least a non-conjugated diene (C) preferably not containing indene. Said novolak resins are advantageously used in vulcanized and crosslinked elastomeric compositions insofar as their viscosity lower than that of prior art resins enables them to be easily manipulated. They are also used as dipping agents to improve the adherence of rubber on reinforcing materials such as organic fibres in particular based on rayon, polyesters, polyamides or aramides and metal cables based on steel, in particular brass-plated or zinc-plated.

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