

Title (en)

DIELECTRIC EAP FILMS WITH LOW GLASS TRANSITION TEMPERATURE BASED ON POLYESTER POLYOLS

Title (de)

DIELEKTRISCHE EAP FOLIEN MIT NIEDRIGEM GLASPUNKT AUF DER BASIS VON POLYESTERPOLYOLEN

Title (fr)

FILMS DIÉLECTRIQUES EAP À BAS POINT DE TRANSITION VITREUSE ET À BASE DE POLYESTER-POLYOLS

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Application

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Priority

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- EP 2015060141 W 20150508

Abstract (en)

[origin: WO2015173126A1] The present invention relates to a method for producing a dielectric polyurethane film from a mixture comprising A) a compound containing isocyanate groups having a content of isocyanate groups of ≥ 10 and ≤ 50 wt.% and a number-average functionality of isocyanate groups of ≥ 2.6 and ≤ 4 and B) a polyester polyol having an OH-number of ≥ 27 and ≤ 120 mg KOH/g, determined in accordance with DIN 53240, characterized in that it exhibits an ester group content of ≥ 1 and ≤ 7 mol/kg and a portion of aromatic structures of ≤ 50 wt.-%. The invention also relates to the dielectric polyurethane film obtainable by this method. The invention further relates to a method for preparing an electrochemical transducer and an electrochemical transducer obtainable by said method.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2015173126A1

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