

Title (en)

LASER-ENGRAVABLE ELEMENT FOR USE IN HAND OR CODING STAMPS

Title (de)

LASERGRAVIERBARES ELEMENT ZUR HERSTELLUNG EINES HANDSTEMPELS ODER EINES CODIERSTEMPELS

Title (fr)

ELEMENT POUVANT ETRE GRAVE AU LASER, CON U POUR DES TAMPONS MANUELS OU A CODES

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Application

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Abstract (en)

[origin: EP1529637A1] The invention relates to a laser-engravable element for use in a flexographic printing plate or a hand or coding stamp comprising a thermoset crosslinked copolymer obtainable from polyether urethane (meth)acrylate pre-polymer and (meth)acrylic monomer, oligomer and/or polymer. Such element is preferably used for making hand or coding stamps. The invention further pertains to a method of laser engraving comprising engraving a pattern into the surface of the element, the pattern being formed by decomposing and/or evaporating part of the copolymer of the element by means of irradiating with a laser beam, optionally followed by a wash step to remove remains of decomposed copolymer.

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