

PHOTOPOLYMERIZABLE ADHESIVE MATERIAL FOR FINISHING PRINTED PRODUCTS



Products manufactured by the cold foil stamping method

Areas of Application

High-performance photoadhesive material for bonding foil to printed material using the method of cold foil stamping; can be used for manufacturing electronic and cable products

Specification

One-component photopolymerizable adhesive material, polymer film setting time under UV action is 2–3 s, shelf life is, at least, one year, can be applicable to a wide range of printing materials (paper, cardboard, plastics, and metallized films), including heat-sensitive ones

Advantages

In comparison with the analogs, this material is cheaper, enables reducing the product labor input and manufacturing cost, has a wider scope of application, enables a significant improvement in product quality without any dot gain of image elements. The materials are applied on the printed products by the flexographic printing method followed by bonding to foil and treating with UV radiation through the foil in a single production cycle

Stage of Development. Suggestions for Commercialization

TRL6, TRL5
Batch manufacture, upon request

IPR Protection

IPR3

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