

Product Information

Performance Coating Division



PeVit™ XPU 5444 – High Solid NMP&NEP free Polyurethane

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Product properties

PeVit™ XPU 5444 is an aliphatic polyurethane dispersion having a high solid content. It forms a soft and elastic film and particularly designed for high performance articles in transfer coating systems.

PeVit™ XPU 5444 shows excellent flexing, hydrolysis resistance, light fastness and has excellent cold properties.

Application

PeVit™ XPU 5444 can be applied on transfer paper by knife coating or roller coater machines in base (skin) coats as well as in adhesion coats.

Technical Specifications:

100% Modulus (MPa) DIN 53504:2009 1.5

Tensile strength (MPa) DIN 53504:2009 8.5

Elongation % UNI EN ISO 527-2:1997 1350

Hardness Shore A 58

Chemical nature Formulated by water based aliphatic polyurethane polymers

Appearance Opaque white liquid

Solids 50% - 54 %

pH 7.0-9.5

Charge Anionic

Storage The product can be stored in its original packaging between 5°C and 35°C for 6 months

Safety For safety information see the safety data sheet

Regarding toxicological and ecological data see the safety data sheet of above product.

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