

Product Information

Performance Coating Division



PeVit™ XPU 5439 – NMP/NEP free Polyurethane Dispersion

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Product properties

PeVit™ XPU 5439 is an NMP/NEP-free polyurethane dispersion, which forms a hard transparent film with high gloss and high physical properties, which makes it suitable for automotive top coats and pre-skin coats in transfer coating systems.

The main advantages of **PeVit™ XPU 5439** are as follows:

- Good wet and dry rub fastness;
- High resistances to solvents;
- Good flexes and resistances to abrasions;
- Excellent resistances to hydrolysis;
- High heat and light fastness;
- Good adhesion properties.

Application

PeVit™ XPU 5439 is generally applied in water transfer coating systems as well as by roller coater on different materials. Maximum values of chemical and physical resistances can be obtained by adding cross-linkers in our range.

Technical Specifications:

100% Modulus (MPa) DIN 53504:2009	10
Tensile strength (MPa) DIN 53504:2009	18
Elongation % UNI EN ISO 527-2:1997	400
Hardness Shore A	90
Chemical nature	Polyester
Appearance	Opalescent light yellow liquid
Solids	29% - 31%
pH	7- 9
Charge	Anionic
Storage	The product can be stored in its original packing between 5° and 35° C for 12 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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