



COATING

# EDOLAN<sup>®</sup> C-RANGE

Less to use, more to gain

[WWW.TANATEXCHEMICALS.COM](http://WWW.TANATEXCHEMICALS.COM)

**TANATEX**<sup>®</sup>  
CHEMICALS 

**EDOLAN® C-RANGE is the TANATEX product portfolio of high concentrated polyurethane dispersions for use in textile coating.**

EDOLAN® C-RANGE is especially designed for the production of high-performance coated textiles. All the products are aliphatic, contain  $\pm$  60% solids and are free of organic co-solvents, thickeners and external emulsifiers.

**EDOLAN® CM** is a multi-purpose polyester-polycarbonate based polyurethane with high-performance properties.

- \* Medium to high flexibility with very good mechanical abrasion resistance and excellent hydrolysis resistance.
- \* Easily mechanically foamable, resulting in a regular foam structure with good abrasion resistance and re-generation values.

**EDOLAN® CA** is a very soft polyester based polyurethane dispersion. The general properties correspond to those of EDOLAN® GS. The product was primarily developed for the production of high-demanding technical products.

- \* Outstandingly suitable for use as an anchor coat due to its softness and flexibility in combination with its good adhesion properties.
- \* EDOLAN® CA has a high affinity towards synthetic fibers, especially polyamide, and thus excellent applicable for creating high-performance articles with elevated requirements regarding adhesion in combination with (cold)flex and abrasion.

The new high-solids dispersions offer a number of advantages over the traditional polyurethane dispersions with average 40% solids contents:

- \* A higher add-on in one pass;
- \* Lower energy consumption;
- \* Significant cost savings through higher machine utilization and more efficient use of transportation and stock facilities;
- \* Emission free, environmental friendly.

**EDOLAN® CT** is a soft to medium hard polyester based polyurethane particularly to be applied as a compact topcoat for coating of (technical) textile fabrics.

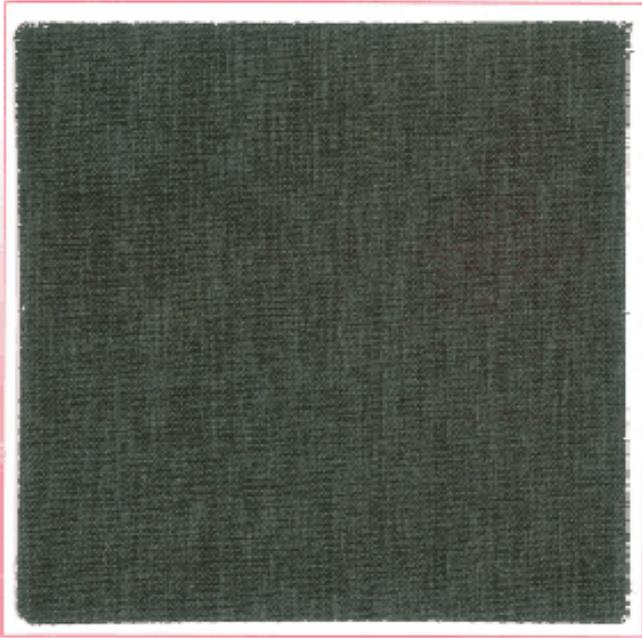
- \* Resulting coating has high scratch and abrasion resistance.
- \* Can also be applied as basecoat when a stiffer handle is required.
- \* Suitable for mechanical foam coatings.

**EDOLAN® CU** is a soft to medium soft polyurethane dispersion which can be used for the production of fashionable coatings and for the finishing of nonwovens.

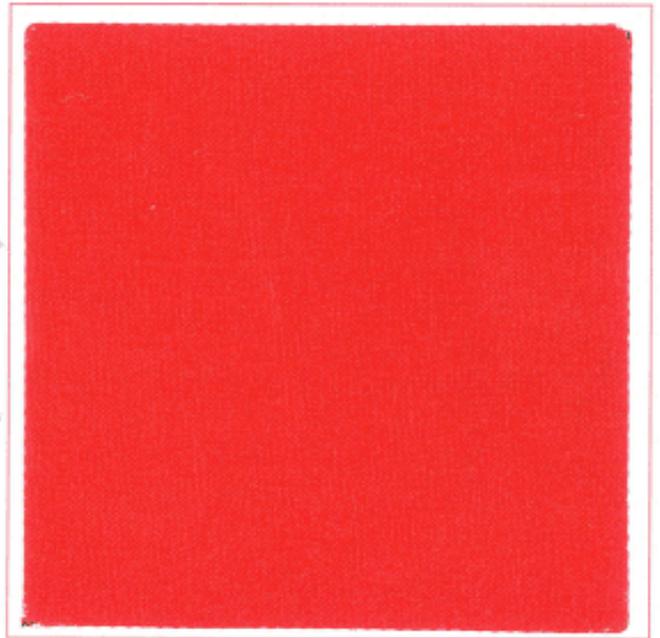
- \* High elasticity resulting in soft coatings with slightly rubbery handle.
- \* Very suitable to be used as a main building block for different formulations for all types of applications.

The EDOLAN® C-RANGE polyurethane dispersions are non-reactive, but can be crosslinked to improve or upgrade their final properties.

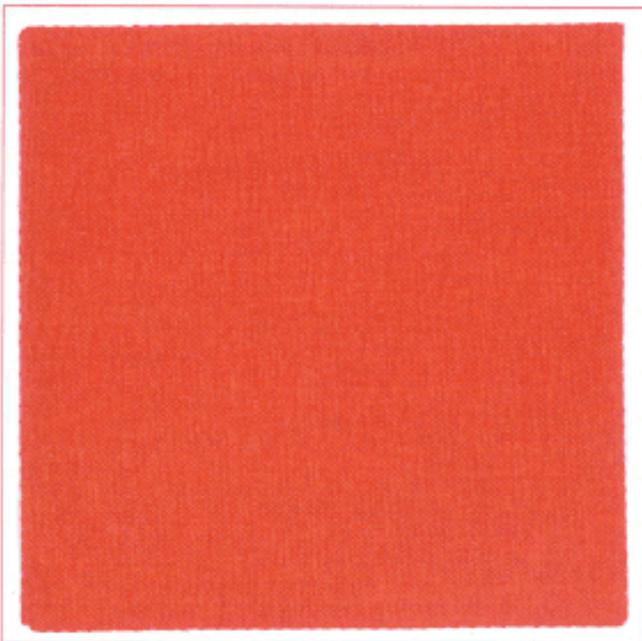
**EDOLAN® CM**



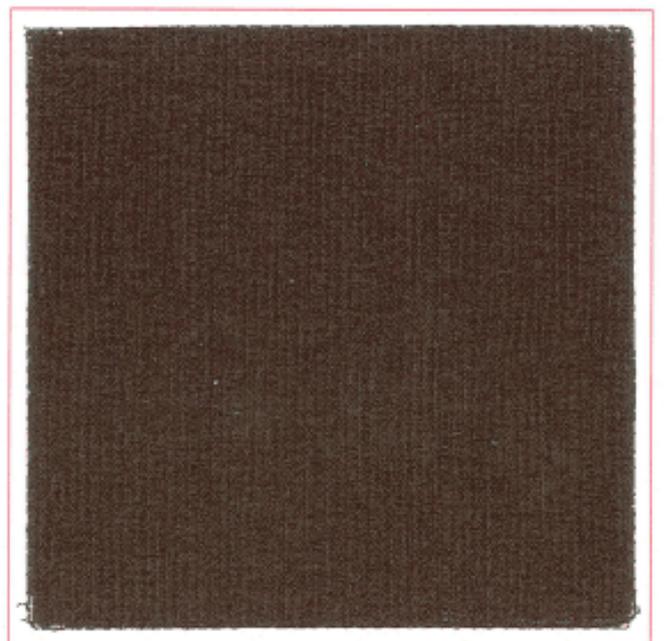
**EDOLAN® CT**



**EDOLAN® CA**



**EDOLAN® CU**





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