



Textile auxiliaries

ZSCHIMMER & SCHWARZ
MOHSDORF GmbH & Co KG
Burgstädt / Germany
+49 (0)3724 67-0

www.zsm.de
textil@zsm.de

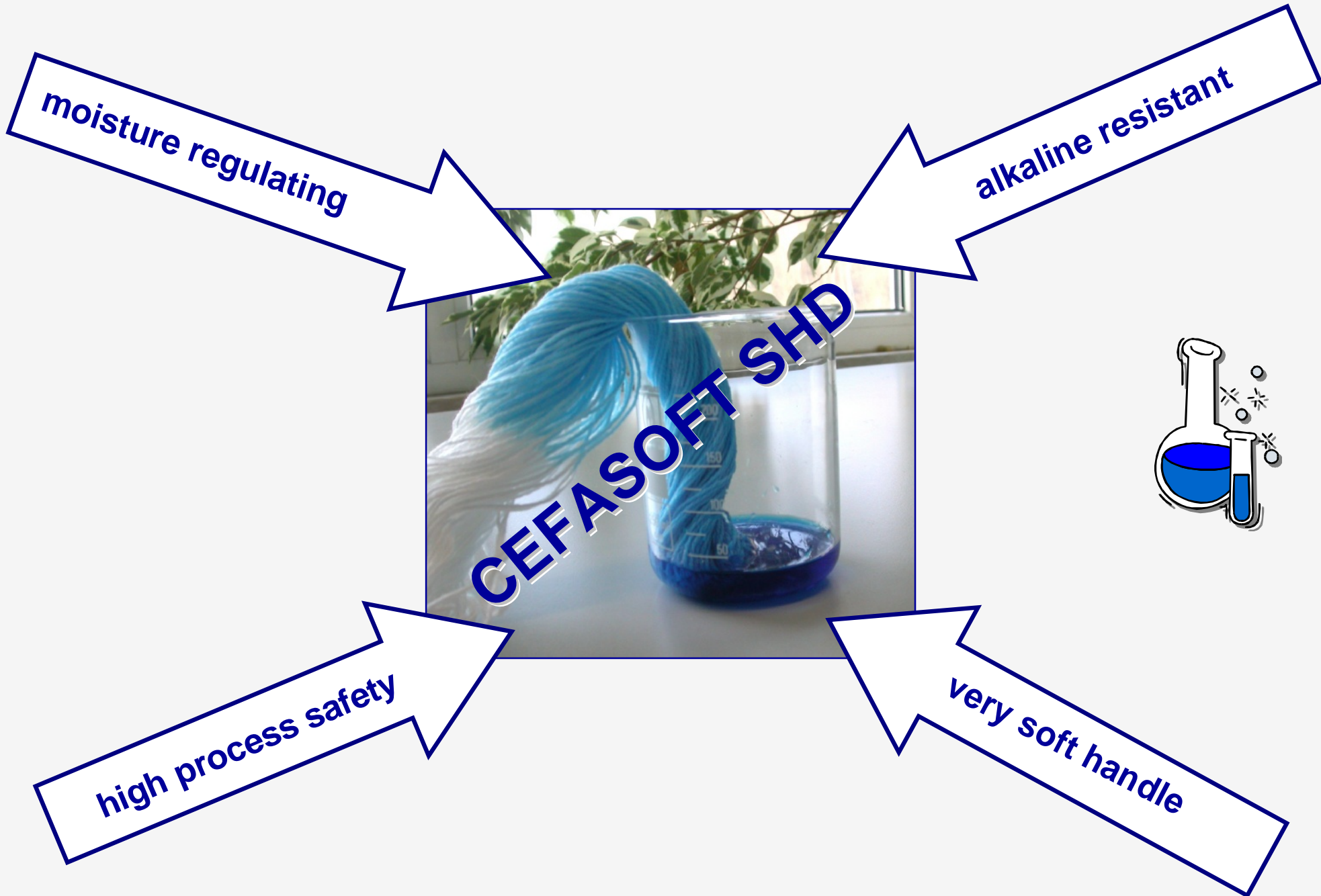
CEFASOFT SHD

The hydrophilic,
moisture regulating silicone softener,
able to do more...

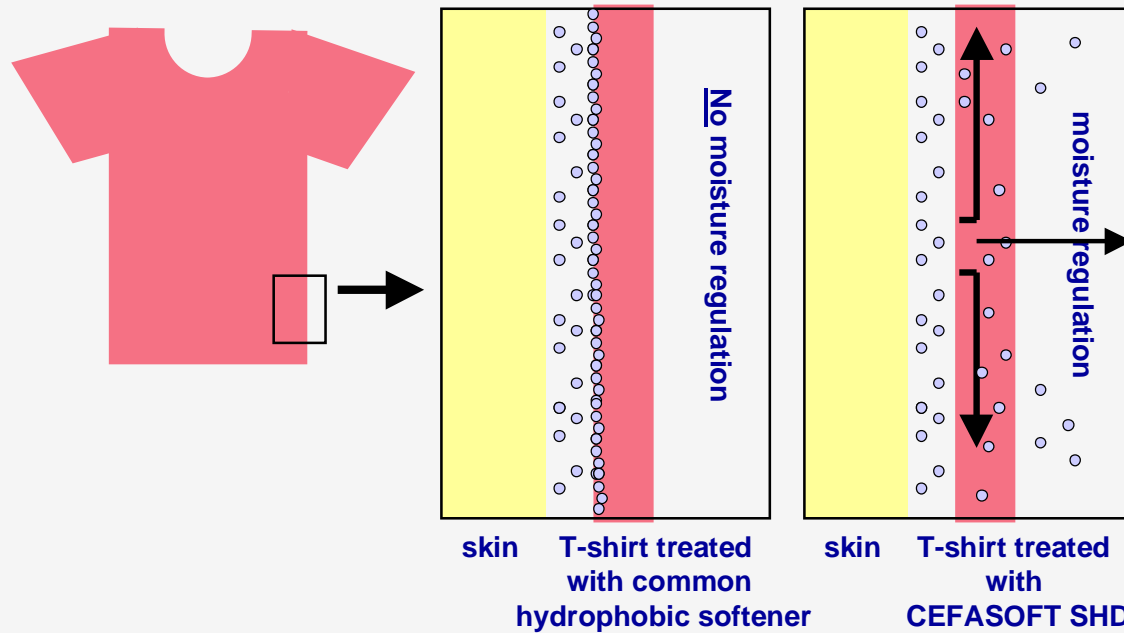


ZSCHIMMER & SCHWARZ





Moisture Management / Moisture regulation



very soft handle

+ hydrophilic properties

+ moisture regulation

+ antistatic effect

+ soil release effect

+ high yellowing resistance

The softener CEFASOFT SHD is suitable for softening all kinds of textiles.

Due to the hydrophilic properties, CEFASOFT SHD is excellently suitable for textiles which have to be absorbent.

Process safety

cross-dyable

Due to the hydrophilic properties of CEFASOFT SHD cross-dyeing, shading and printing is possible



pH stable (within a range of 2 to 10)

Common silicone softeners are not recommended to be applied at a higher pH than 7, because of the risk of spots.

CEFASOFT SHD is stable to alkali up to pH 10.

There is no risk of spots or roller deposit on the padder.



resistant to shearing suitable for jet machines

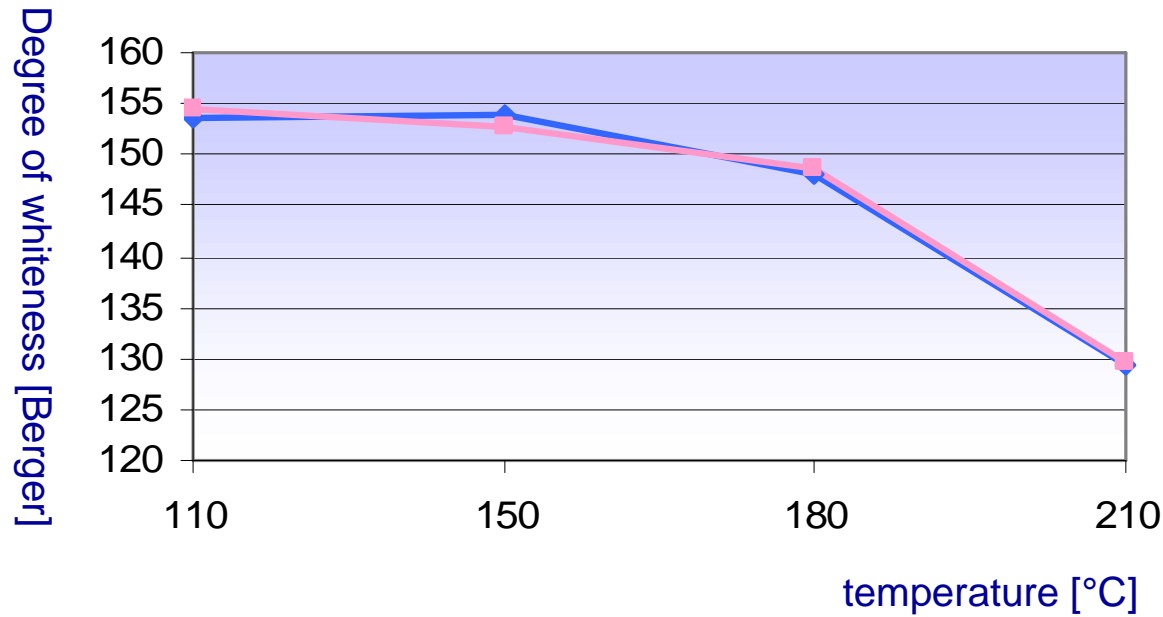
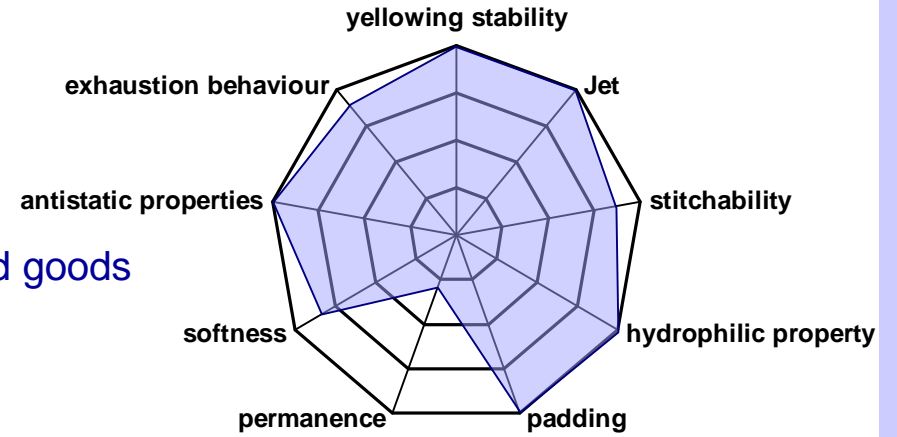
This silicone softener is not sensitive to shearing stresses. CEFASOFT SHD is excellently applicable on machines with high liquor turbulences (jet).

Yellowing resistance

no yellowing

stable to molding

suitable for white and coloured goods



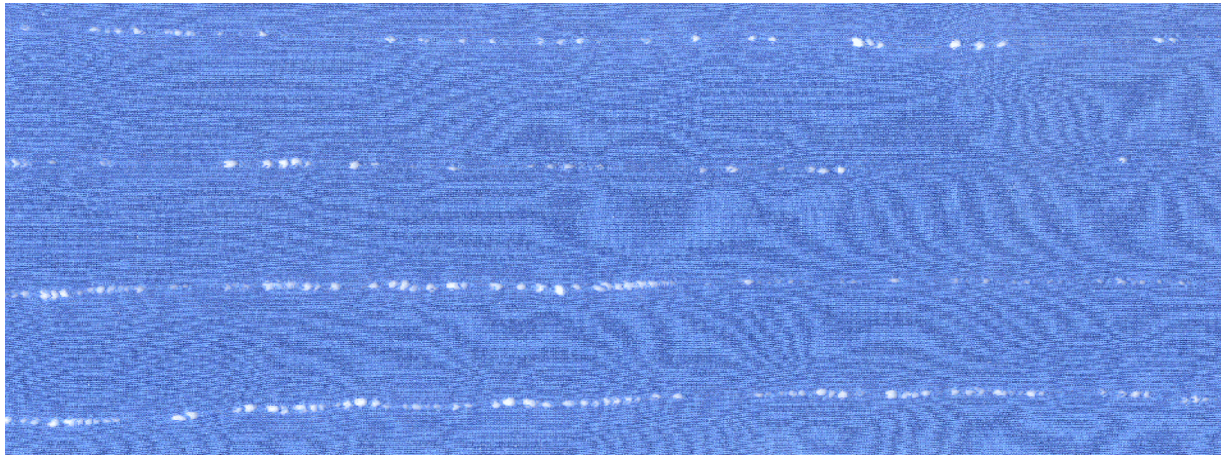
—◆— CEFASOFT SHD —■— without softener



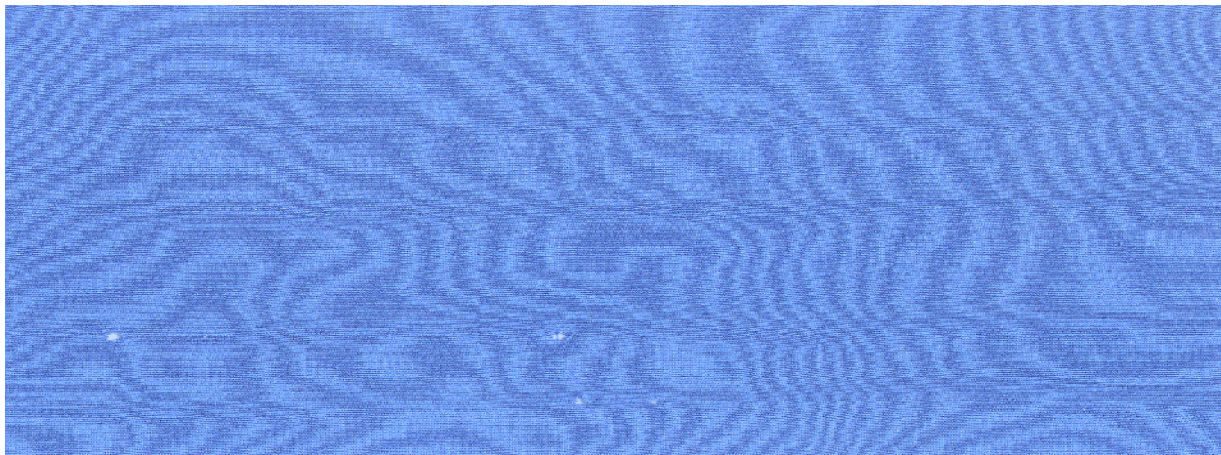
Stitchability:

Improves stitchability of knitwear

further improvement in combination with CEFASOFT PM or MARVELAN PED



without softener



5 g/l CEFASOFT SHD



Application to cotton

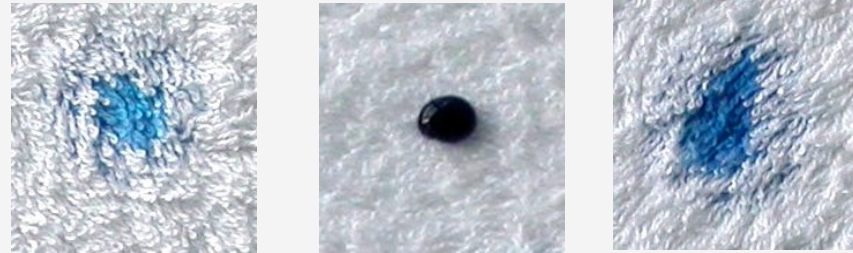
padding: 20 g/l CEFASOFT SHD
100% pick up
drying at 110°C

exhaust process: 2% CEFASOFT SHD
pH 4.5; LR 1:10
20 min at 40°C
drying at 110°C

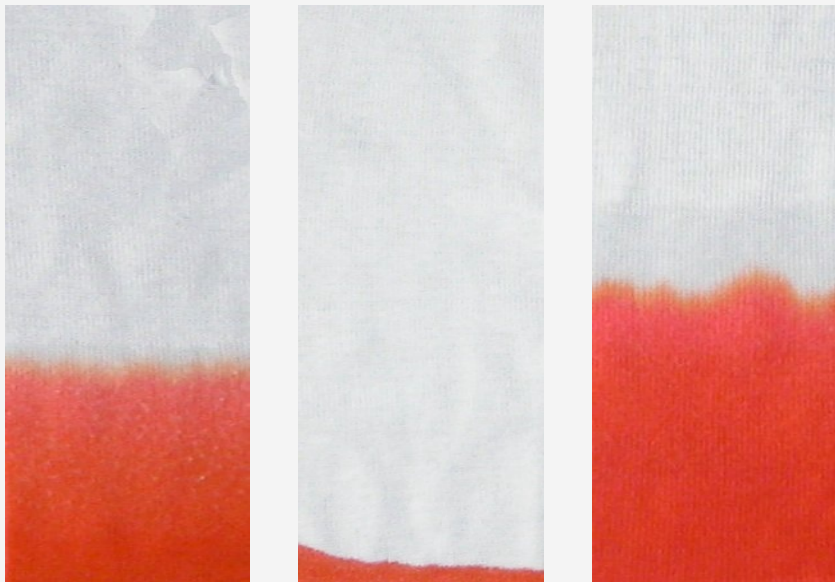
Tegewa drop test:



Tegewa drop test:



wicking test:



wicking test:



without softener

common softener

CEFASOFT SHD

without softener

common softener

CEFASOFT SHD

Application to PES

padding: 20 g/l CEFASOFT SHD

100% pick up
drying at 110°C

exhaust process: 2% CEFASOFT SHD

pH 4.5; LR 1:10
20 min at 40°C
drying at 110°C

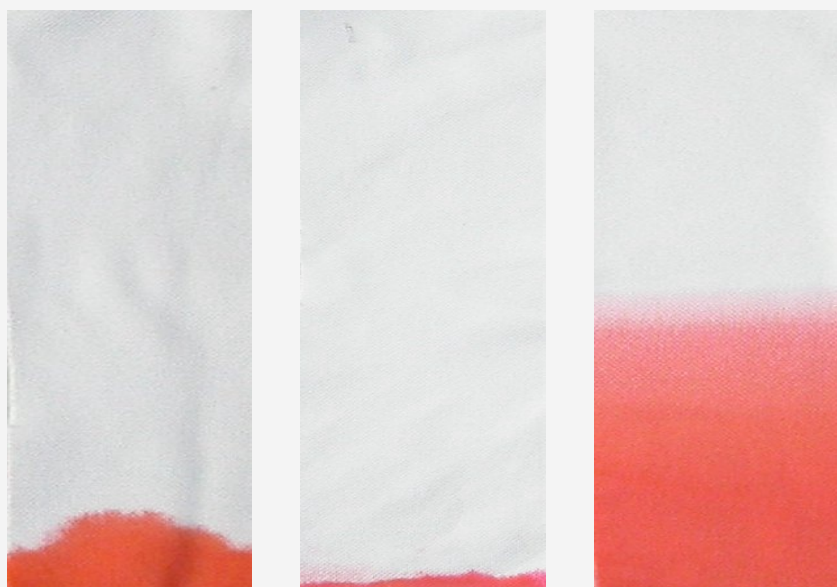
Tegewa drop test:



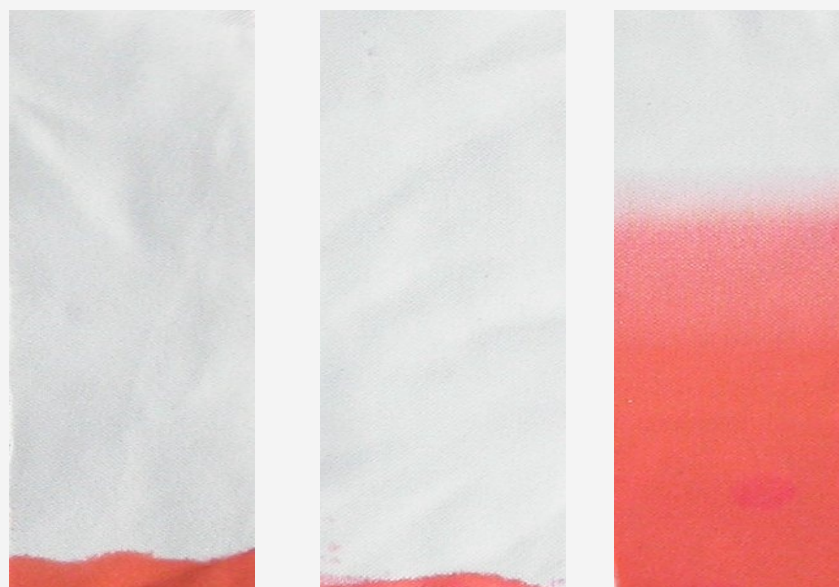
Tegewa drop test:



wicking test:



wicking test:



without softener

common softener

CEFASOFT SHD

without softener

common softener

CEFASOFT SHD

Application to PA/LY

padding: 20 g/l CEFASOFT SHD

100% pick up
drying at 110°C

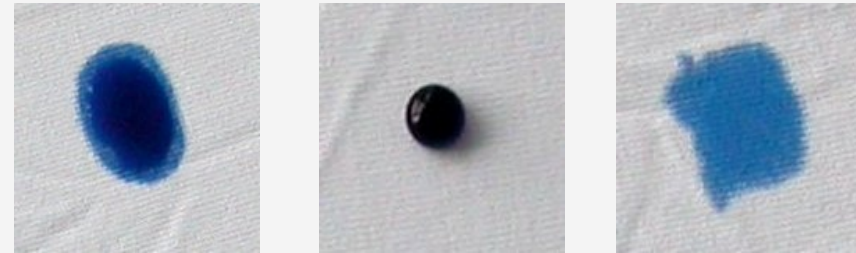
exhaust process: 2% CEFASOFT SHD

pH 4.5; LR 1:10
20 min at 40°C
drying at 110°C

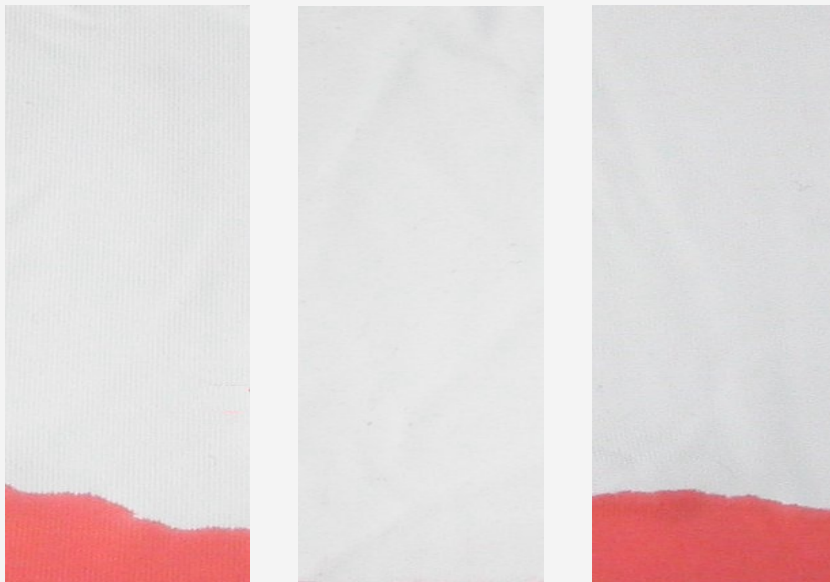
Tegewa drop test:



Tegewa drop test:



wicking test:

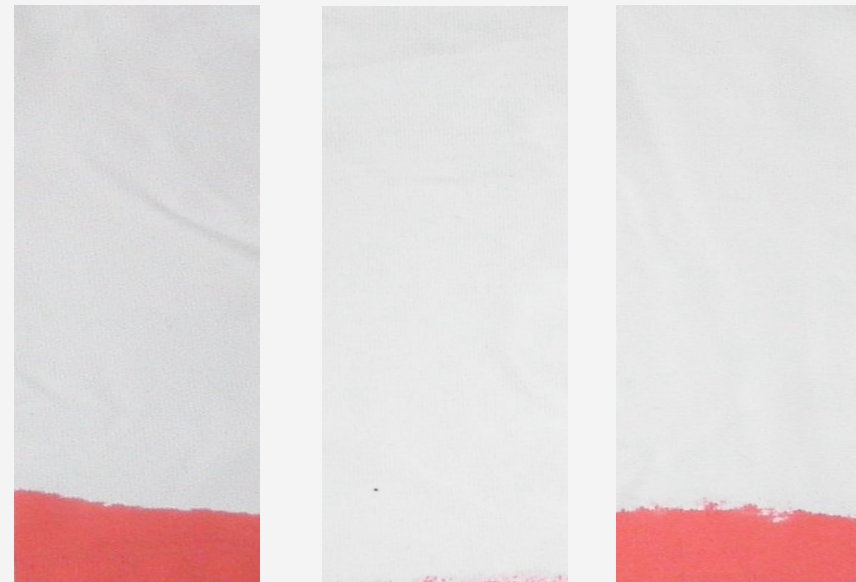


without softener

common softener

CEFASOFT SHD

wicking test:



without softener

common softener

CEFASOFT SHD