



ZETESAL FAP
The new Z&S fixener
for polyamide



ZSCHIMMER & SCHWARZ MOHSDORF GmbH & Co KG

Textile Auxiliaries Division

Anionic fixing agents for PA: ZETESAL

Innovation
Classic
Green Line

A
L
L
R
O
U
N
D
E
R

ZETESAL
NT
Special for
neon shades

ZETESAL
FRESH

ZETESAL NR
bestseller

ZETESAL
FAP

ZETESAL
FRESH liq

W
A
S
H

F
A
S
T
N
E
S
S

60°C

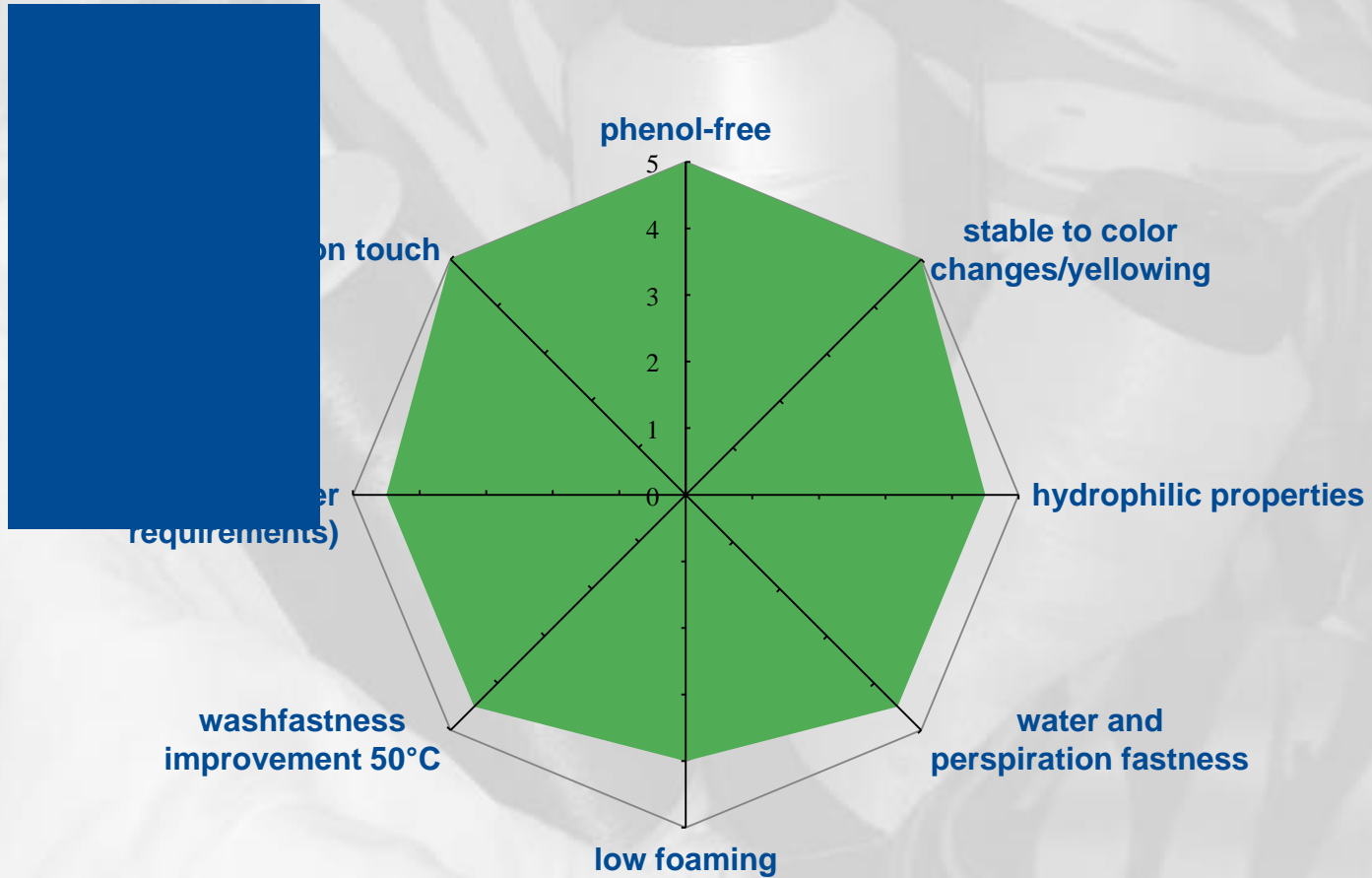
50°C

phenol free

Brilliant fashion shades, swimwear,
printed fabrics, low influence on shade

ZETESAL FAP ...

- **phenol free product**
- **„allround“ aftertreatment agent for PA dyeings**
- **suitable for brilliant shades**
- **substantially lower yellowing of the treated goods**
- **aftertreatment application of printed goods with white portions**
- **good reserving effect**
- **best solution for turquoise dyeings**
- **meets the requirements of ZDHC**
- **ZETESAL FAP** fulfills ecological demands of retailers



Test: wash fastness 50°C ISO 105-C02 on navy shade PA 6.6

Dyeing

without
fixing

2 %
ZETESAL
FAP

2 %
Competitor
NBS liq

2 %
Competitor
KNR

2 %
Competitor
APR



WO

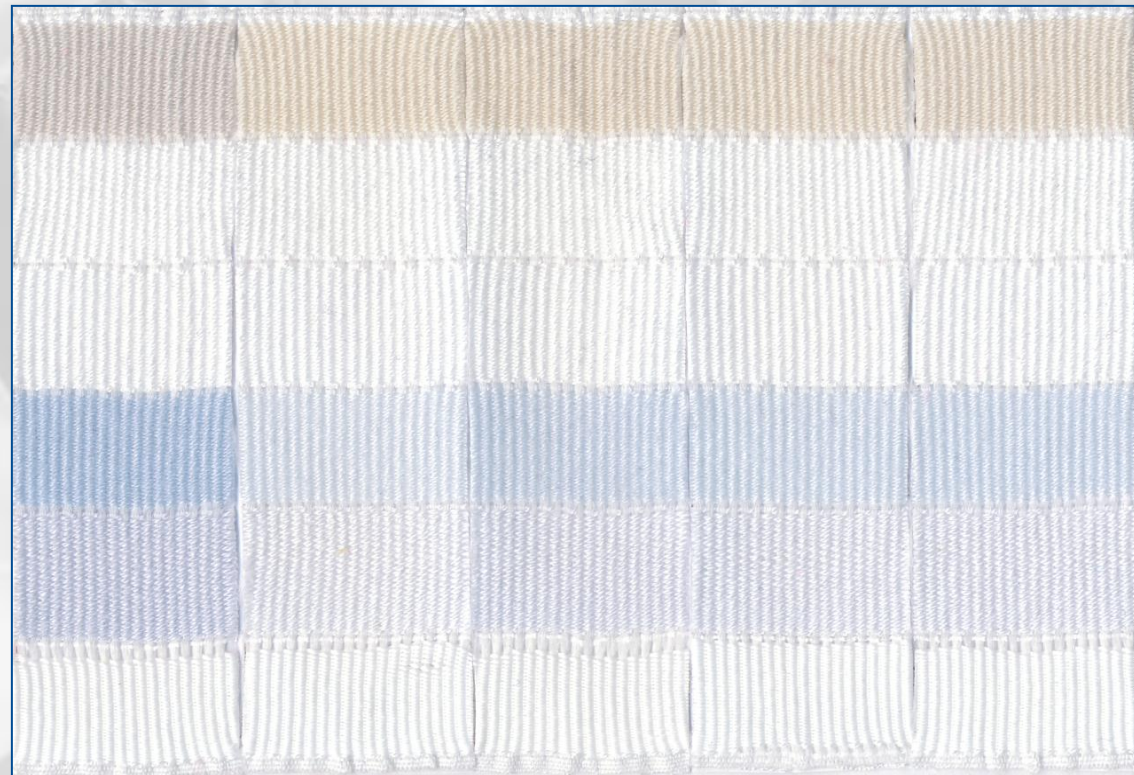
PAN

PES

PA

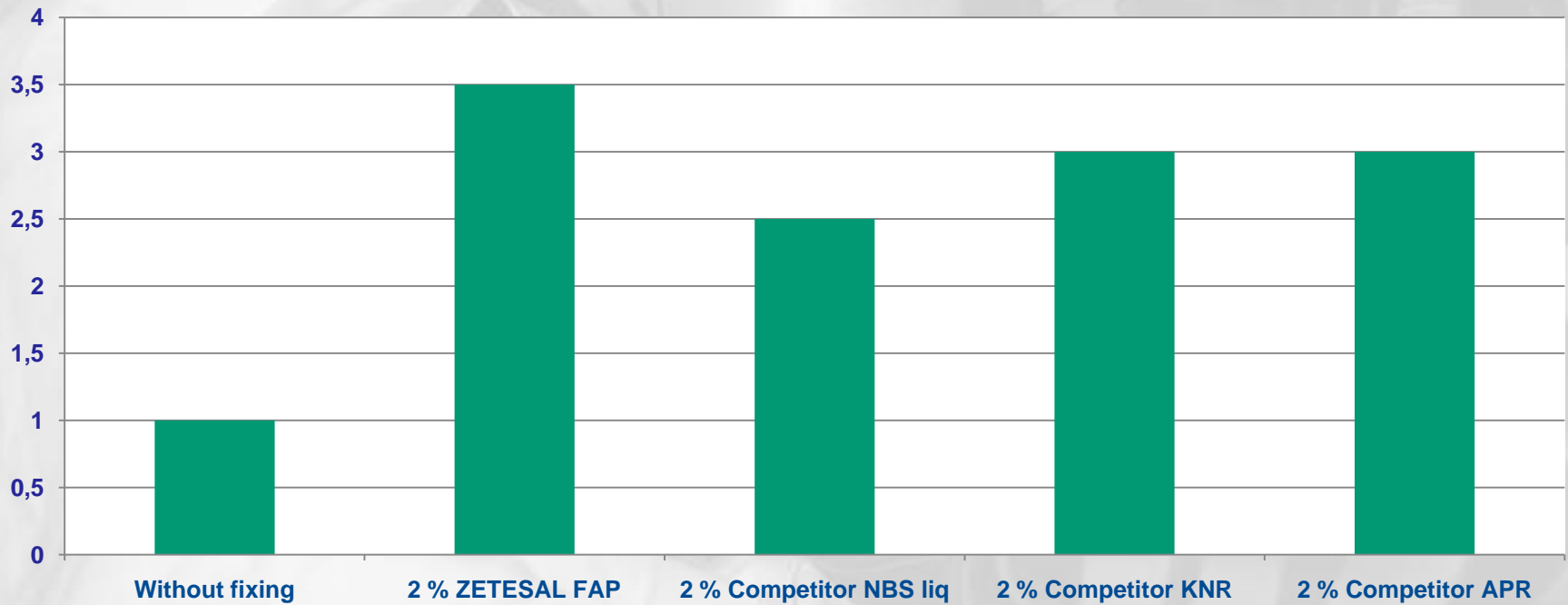
CO

CA

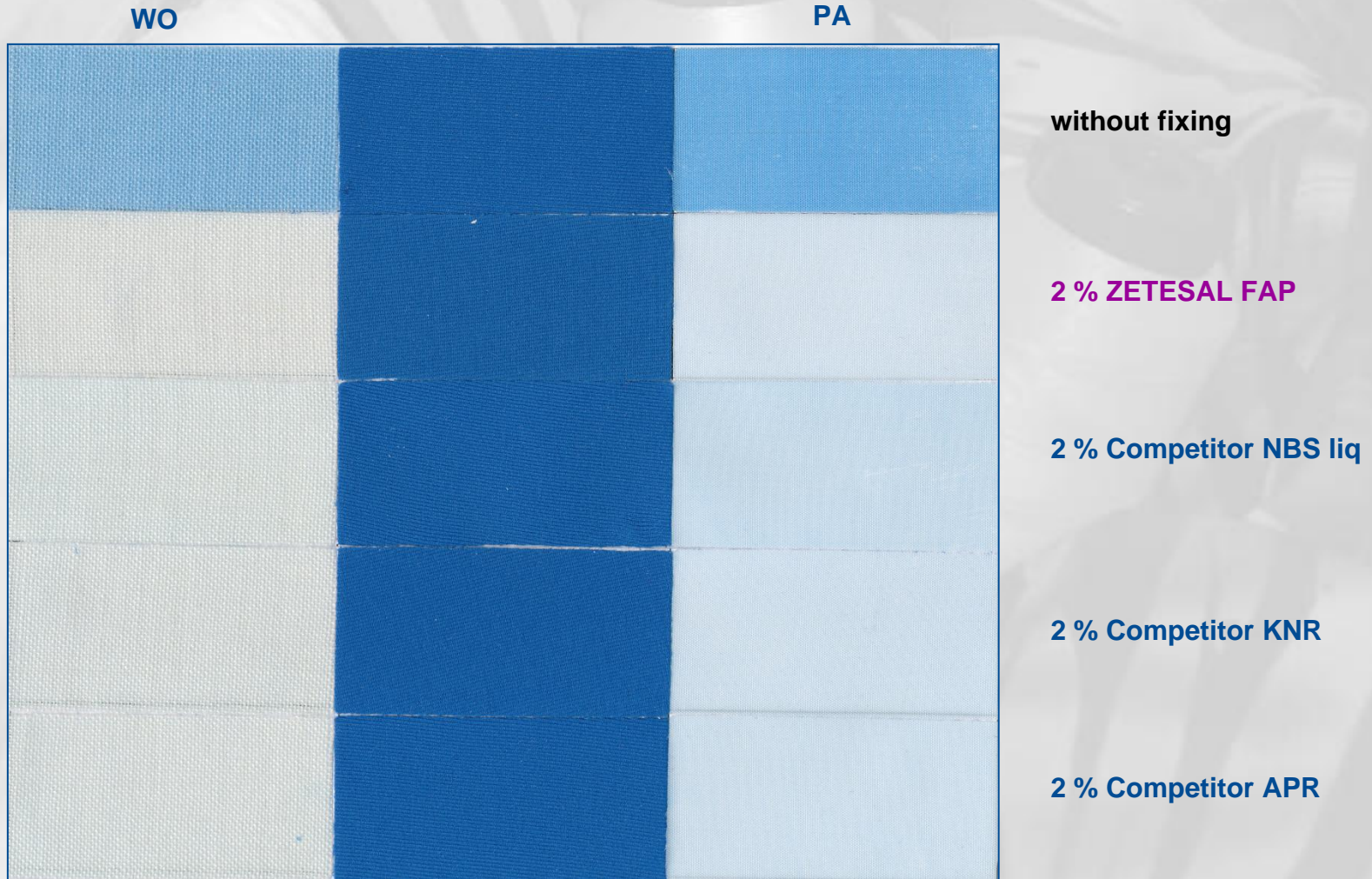


Wash fastness improvement of ZETESAL FAP and competitors

Fastness to washing 50°C



Test: water fastness ISO 105-E01 on ice blue shade PA/EL



Water fastness improvement of ZETESAL FAP and competitors

Fastness to water severe

