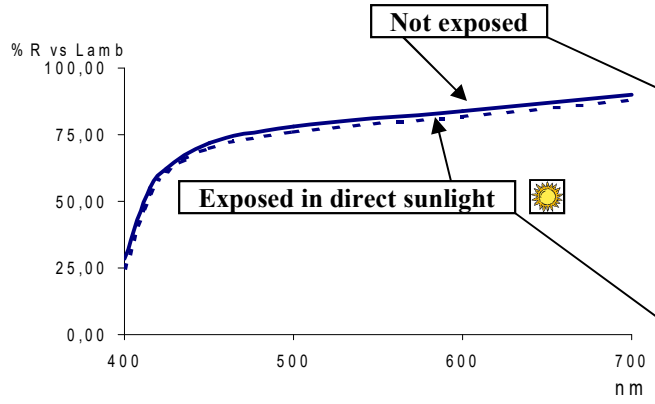


b*	10,86

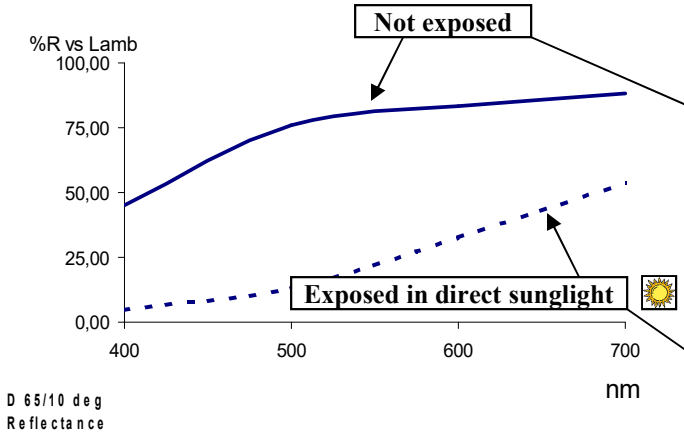
b*	11,73

DL*	-0,75
Da*	0,13
Db*	0,86

DE* 1,15 (colour variation light/unchanged)

37,59 very dark
15,44 much less green
23,19 very yellow

0,75 slightly darker
0,13 slightly less green
0,86 slightly less yellow

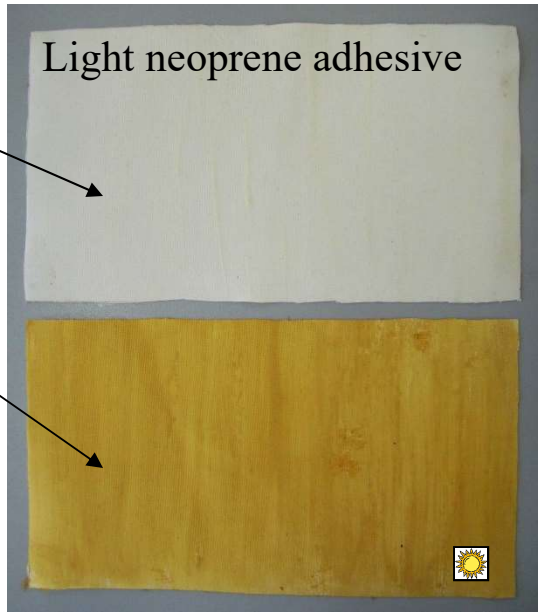


D 65/10 deg
Reflectance

Sample not exposed	
L*	91,86
a*	-0,45
b*	11,63

Sample exposed/aged in direct sunlight	
L*	54,26
a*	14,99
b*	34,83

DL*	-37,59
Da*	15,44
Db*	23,19



DE* 46,79 (very high colour variation)

37,59 very dark
15,44 much less green
23,19 very yellow

KENDA FARBEN È' UN'AZIENDA
CON SISTEMA DI QUALITÀ'
CERTIFICATO ISO 9001

TECHNICAL DATA SHEET **Series 16**

SAR 590 M

● *SUMMARY*

UNSTAINING, NEOPRENE ADHESIVE WITH GOOD RESISTANCE TO THE AGEING, CONCEIVED FOR ALL THOSE ASSEMBLIES INVOLVING LIGHT MATERIALS - EXCELLENT FOR THE USE BY ROLLER MACHINE

● *CHARACTERISTICS*

– Adhesive	polychloroprene
– Colour	light
– Viscosity at 20°C	35" Ford cup n° 8
– Open time	medium
– Specific gravity at 20°C	0,86
– Reactivation temperature (°C)	60
– Solvents content according to current law regulations	
– Flammable	
– Chemical name	polychloroprene in organic solvents

● *APPLICATION*

– Conceived for applications by roller machine on medium absorbent materials, by a sole " coat "

Notes: it is suggested to use the adhesive at temperatures not lower than 18°; in case the material is stocked in cold ambients, recondition before using

● *SOLVENTS*

Use **SOLVENTE 31700** for thinnings

● *STORAGE*

The expire date of the product shown on the label is valid for products if kept away from direct heat and cold and at standard storage conditions (minimum temperature 4°C to maximum 40°C).
Exceeding the expiration date does not necessarily mean that the product no longer meets the specifications or values set.
However, before using this product after the expiration date, Kenda Farben recommends checking whether it still meets the reference specifications or values.
Kenda Farben will not be in any way responsible for failure to comply with specifications or values set after the deadline or due to incorrect storage that can shorten the life of the product.

27-03-2013 RM/pm

ACCELERATED AGING TEST FOR LIGHT FADING RESISTENCE

RESEARCH AND DEVELOPMENT LABORATORY
KENDA FARBEN s.p.a. **March 2023**

MATERIALS
White test-sample with light neoprene adhesive
White test-sample with **SAR 590 M** adhesive

ASSESSMENT: yellowing resistance to the UV test, accelerated cycle

Time shown on the lamp timer at starting cycle: **9707(57)h**

Type of lamp: **KOLORARC KRC400/T/H/960/E40 400W**

Exposition time in accelerated cycle: **7 days**

Time shown on the lamp timer at ending cycle: **9876 (50) h**

Real exposition time in accelerated cycle: **168 (93) h**

Test sample temperature at the end of the cycle: **43° C**

Spectrophotometric analysis on the variation of axle of Δb blue/yellow

TEST-SAMPLE WITH LIGHT NEOPRENE ADHESIVE:

the Δb is the yellowing index (Δb = 23.19) very high yellow coloration

TEST-SAMPLE WITH SAR 590 M ADHESIVE:

the Δb is the yellowing index (Δb = 0.86) practically unchanged colour

TEST EVALUATION: on the basis of the tests results, the product **SAR 590 M** offers a high resistance to the yellowing process resulting from the exposure to direct sunlight.

REMARKS: the yellowing process is due to the reaction of the adhesives to the exposure to direct sunlight. In a matter of fact, an aging process that is kept out from the sunlight even for long periods doesn't alter the initial colour of the adhesives, but this can become yellow/brown if exposed to the sunlight Obviously, it is recommended to use a lighly resistant light adhesive like **SAR 590 M**, for applications on light or white materials.