

# ADVALON<sup>®</sup> CI 40



## Silicone Fluid Emulsions

ADVALON<sup>®</sup> CI 40 is a nonionic semi-micro emulsion of a reactive polysiloxane. It is a fabric softener designed especially for polyester to impart a good hand together with a substantial intensification of dark color shades.

## Properties

ADVALON<sup>®</sup> CI 40 gives a pleasant, supple hand to polyester fabrics. Most importantly, ADVALON<sup>®</sup> CI 40 significantly deepens the color of disperse dyed polyester without promoting the thermomigration of the dyes. Therefore it enables deeper color shades and noticeable savings of dyestuff.

## Specific features

- Easy to use
- Emulsions
- Excellent penetration
- Good depth of penetration
- Low viscosity
- Ready to use
- Water-based

## Technical data

### General Characteristics

Property	Condition	Value	Method
Appearance	-	brownish, translucent	-
Ionogenicity	-	nonionic	-
Solid content	-	approx. 35 %	Microwave oven
pH	-	approx. 5	Indicator strips

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

## Applications

- Textile Finishing
- Textile & Leather
- Textiles & Leather
- Color Enhancement

## Application details

### Application:

ADVALON® CI 40 is recommended for padding application on polyester under common conditions. It can be used on its own or together with organic fabric softeners and other finishing agents. The individual compatibility should be tested on a case-by-case basis.

### Processing:

For optimum finishing results ADVALON® CI 40 should be applied by padding at bath concentrations around 50 g/l. Liquor pickup 70 – 80 %. The silicone finish will cure quickly upon heat drying of the fabric. Stenter curing at 120 °C is recommended.

## Packaging and storage

### Packaging

- 0,5 kg bottle
- 200 kg drum
- 950 kg IBC

### Storage

The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

## QR Code ADVALON® CI 40



### For technical, quality or product safety questions, please contact:

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