

OLIFLEX 35K

TECHNICAL LEAFLET

Chemical constitution	water based dispersion of an aliphatic polyurethane
Ionic charge	anionic
Aspect	white translucent liquid
Solid content	30 +/- 1%
particle size	< 100nm
pH	8,0 – 9,0 as supplied
Viscosity	<200 cps
Specific weight	about 1.03 g/cc
Stability	In original close container, stored at temperature between 10 to 30 °C more than 6 months

Film characteristics

Aspect	Transparent, glossy
Handle	Medium soft, flexible
Tensile strength	35 N/mm ² (crack point)
Ultimate elongation	800%
TG	-70C
Sun and UV stability	excellent
Hardness shore	60 scale A
Washing fastness	excellent

Application

- Textile coating
- Application by spraying
- Finishing by padding mangle

Instructions for use

Oliflex 35K can be thickened with anionic or non-ionic thickeners.

We suggest Raroconc R (pre-diluted, adjust pH at 9,0 with ammonia) or Raroconc STR polyurethane thickener.

For a very soft final handle it is advisable to pre-treat the fabric with a fluoro-carbon resin.

Indicative recipe

Padding pre-treatment

Acetic acid	pH 5,5
Oligard (fluorocarbon)	10-20

Dry at 80-105°C

Coating treatment

Oliflex 35K	up to 1000
Rarofix LF	30
Raroconc R	40-60
Ammonia	pH 9,0

Cure after drying at 150-160°C

OLIFLEX 35K is extremely compatible with almost all the auxiliaries used in textile. For this reason it could be blended with softeners, acrylic or polyurethane resins for obtaining multiple finishing effects.



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All the information given are believed to be correct and accurate but without warranty. The users must test carefully the product before to run bulk production.