

OLIFLEX 11K

TECHNICAL LEAFLET

Chemical constitution	water based dispersion of an aliphatic polyurethane
Ionic charge	anionic
Aspect	white liquid
Solid content	40 +/- 1%
particle size	< 100nm
pH	8,0 – 10,0 as supplied
Viscosity	<500 cps
Specific weight	about 1.04 g/cc
Incompatibility	Electrolytes and strong alkalis
Stability	In original close container, stored at temperature between 10 to 30 °C more than 12 months

Film characteristics

Aspect	Transparent, glossy
Handle	Very soft, flexible, slightly sticking
Tensile strength	25 N/mm ² (crack point)
Ultimate elongation	600%
TG	-70C
Sun and UV stability	excellent
Washing fastness	excellent
Dry cleaning	excellent

Application

OLIFLEX 11K is especially suited for the preparation of coating compounds for outdoors articles, hand bags, fashionable textile.

The handle is extremely soft and slightly sticky and abrasion resistance is excellent.

OLIFLEX 11K can be also applied by foam.

Instructions for use

Oliflex 11K 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

Coating application by knife, soft handle

Oliflex 11K	500
Rarosoft S	80
CTZ IS (catalyst)	50
Antifoam	10
Soft water	y
Raroconc R	x
Ammonia	pH 9,0

Cure after drying at 150-160°C

OLIFLEX 11K could be blended with softeners, acrylic or polyurethane resins for obtaining multiple finishing effects.

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.