

TECHNICAL LEAFLET

OLIFLEX BINDER RGM

Characterisation Aliphatic polyurethane for textile coating

CHEMICAL STRUCTURE	Aliphatic polyurethane/polyethere
SUPPLIED FORM	White homogeneous dispersion
IONIC CHARACTER	Anionic
SPECIFICATION (dry matter)	30% +/-2
pH	8,0- 10,0
SOLUBILITY	It can be mixed in water in any ratio
STABILITY	The product is stable with all the auxiliaries used in pigment printing.
STORAGE	In original close container, stored at temperature between 10 to 30 °C more than 6 months

FILM PROPERTIES

MINIMUM FILM FORMING TEMPERATURE	0°C
FILM APPEARANCE	Transparent, soft, flexible.
ULTIMATE ELONGATION	800%
TENSILE STRENGTH	26 N/mm ²
HEAT STABILITY	Excellent
UV STABILITY	Excellent
RESISTANCE TO WATER AND SOLVENT	Excellent
TG	-70°C
Hardness - Shore	60 Scale A

APPLICATION

Oliflex RGM is mainly used in textile coating to obtain flexible, gummy and soft effect. Washing fastness are excellent.

Indicative recipes

Pre-treatment with fluorocarbon resin.

Acetic acid 1 ml/l

Oligard EV conc. 10-20 g/l

Pad and dry not above 100°C

Coating

Oliflex RGM	up to 1.000
Raroprint KAT	10
Raroconc R	40-60
Ammonia	adjust pH to 8,5-9,5

Dry and polymerise at 150-160°C for 5-3 minutes.

All the information's given are believed to be correct. In any case we cannot accept any responsibility since we cannot control the conditions in which our products are used.