# ECORYL APC-3000

Ecoryl APC-3000 is a very soft binder based on acrylic copolymer with a pronounced softening effect on the leather. Mainly used in the general plated resin finishes as a binder for bottoming as well as for the intermediate coats.

Typical properties

Appearance	:	Yellowish transparent emulsion
Type of reaction	:	Anionic
Dry contents (%)	:	35 ± 2
pH (1:10)	:	7.5 ± 0.5
Specific gravity	:	1.045
Viscosity	:	22 sec (as measured by Ford Cup/4 at 30°C)
Electrolyte stability	:	Very good
Solvent tolerance	:	Fair
Compatibility	:	**Ecoryl APC-3000** is compatible with all anionic as well as nonionic finishing products and can be combined at any proportion.
Thickening with ammonia	:	Slight thickening
Residual free monomer	:	Nil
Freeze-Thaw Stability	:	Best at -15 to 25°C
Storage stability	:	At least 180 days
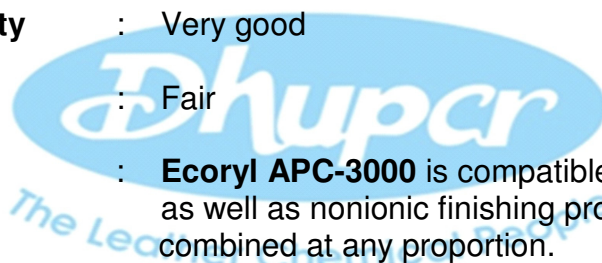
Properties of the film.

Appearance	:	Colorless
Nature	:	Very soft
Elasticity	:	Very elastic (more than 600%)
Tackiness	:	Slight tack
Resistance to water spotting.	:	Good
Resistance to oil / solvent spotting	:	Fair
Cold crack resistance	:	-25°C
Stability to ageing	:	Very good

Salient features

➢ **Ecory APC-3000** is aqueous dispersion of functional acrylic copolymer that produces bright, transparent & very soft film.

➢ **Ecoryl APC- 3000** has good stability toward electrolyte.

➢ It has high pigment loading capacity allows it to be used as a major binder for the bottom as well as intermediate coats.

➢ Due to its plasticizing property it changes the feel of the leather all together.

➢ It has very good adhesion.

➢ Wet rub fastness and resistance to swelling by water is excellent.

➢ Resistance to the solvent can be obtained by the use of the other finishing aux.

➢ **Ecoryl APC- 3000** has moderate surface build up & surface evenness.

(without warranty)

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