

## **ECORYL ST-40 S**

Ecoryl ST-40 S is acrylic copolymer generally used in the finishing of split.

### **Typical properties.**

<b>Appearance</b>	:	Yellowish transparent emulsion.
<b>Type of reaction</b>	:	Anionic
<b>Dry contents (%)</b>	:	35 ± 1
<b>pH (1:10)</b>	:	7.5 ± 0.5
<b>Specific gravity</b>	:	1.06
<b>Viscosity</b>	:	16 sec (as measured by Ford Cup/4 at 30°C)
<b>Electrolyte stability</b>	:	Good
<b>Solvent tolerance</b>	:	Fair
<b>Compatibility</b>	:	<b>Ecoryl ST-40 S</b> is compatible with all the anionic as well as nonionic finishing product & can combine with at any proportion.
<b>Thickening with ammonia:</b>		No effect
<b>Residual free monomer</b>	:	Not present
<b>Freeze-Thaw Stability</b>	:	Best at -10 to 25°C
<b>Storage stability</b>	:	At least 180 days

## Properties of the film.

<b>Appearance</b>	:	Clear, transparent & glossy
<b>Nature</b>	:	Very soft
<b>Elasticity</b>	:	Very elastic (more than 800%)
<b>Tackiness</b>	:	Slightly tack
<b>Resistance to water spotting.</b>	:	Good
<b>Resistance to oil / solvent spotting</b>	:	Fair
<b>Cold crack resistance</b>	:	-25°C
<b>Stability to ageing</b>	:	Very good

## Salient features.

- **Ecoryl ST-40S** is a soft binder based on the functional acrylic copolymer generally used in the finishing of the split and the corrected grain leather.
- **Ecoryl ST-40S** has excellent surface build up.
- **Ecoryl ST-40S** as good pigment-loading capacity allows it to be used as a major binder for the finishing of split and corrected grain leather. It is also used for sealing of splits.
- **Ecoryl ST-40S** has outstanding flow properties that allow the perfect application by padding, air or airless spraying as well as the roller/curtain-coating machines.
- **Ecoryl ST-40S** possesses a high degree of softness, filling and uniformity.
- **Ecoryl ST-40S** produces SLIGHT tack.

(without warranty)

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