

ORGAL[®] CX 3060

Styrene Acrylic Copolymer

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INTRODUCTION

Orgal CX 3060 is an APEO free, very high T_g styrene acrylic copolymer emulsion which is designed for use in industrial coatings where a high chemical resistance is needed.

TYPICAL PROPERTIES

Appearance	Yellowish emulsion
Solid Content % \pm 1	42
Viscosity (Brookfield LVT 2/60)	400 cps max
pH	7.0 - 8.0
MFFT (°C)	52
T_g (°C)	63
Storage Stability	Protect from freezing

APPLICATION PROPERTIES

Orgal CX 3060 is especially suitable for formulation of wood lacquers, metal topcoats, plastic coatings wherever excellent chemical resistance is required.

- Excellent resistance to alcohol and plasticizers
- Hard, abrasion resistant films
- Good gloss in pigmented systems
- Good humidity resistance

For good film forming **Orgal CX 3060** requires addition of coalescents and/or plasticizers (e.g. 10% butyl diglycol and 3,5% DBP). The combination with urethane dispersions will increase abrasion resistance and film forming capability. For good adhesion on plastic substrates, **Orgal CX 3060** should be combined with adhesion promoting acrylic emulsions.

PRODUCT HANDLING – STORAGE – SHELF LIFE

To ensure safe storage of this emulsion, containers should be well sealed to prevent the water evaporation and skin forming. The emulsion must be stored between 5-25°C for a maximum of 12 months and freezing must be avoided. Direct exposure to UV light may darken the color.

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