

# Aptalon™ W8030

## Water-Borne Self-Matting Polyurethane Dispersion

PERFORMANCE COATINGS

### PRODUCT DESCRIPTION

Aptalon™ W8030 has a naturally low gloss that allows for the reduction or elimination of matting additives that are typically required in low gloss coatings. This resin is a water-borne, self-crosslinking, self-matting polyurethane dispersion using patented polyamide polyol technology. Aptalon W8030 provides excellent hydrolysis resistance, hardness, and chemical resistance that outperforms other water-borne polyurethane chemistries. This product is a 1K dispersion designed for high performance applications and will meet the performance properties of many 2K solvent-borne finishes without the need for external cross-linkers. Aptalon W8030 has no intentionally added NMP, NEP, and APEO which allows for global formulation compliance.

### FEATURES/BENEFITS

- Can formulate to <275 g/l (USA) / 110 g/l EU VOC\*
- NMP, NEP, and APEO-Free
- Broad level of chemical resistance
- Can be used for demanding wood or topcoat applications
- Hard and tough films
- Superior clarity in matte finishes

\* Using USA EPA method 24 / European Union ISO 11890-2

### PHYSICAL CHARACTERISTICS\*

Appearance (wet)	Milky white dispersion
Total Solids by Weight, %	35.0 ± 1.0
Total Solids by Volume, %	34.2 ± 1.0
Brookfield Viscosity, cps	<500
Density, lbs/gal (g/ml)	8.69 (1.04)
pH	8 ± 0.5
Volatile Organic Compounds, wt%	0.85 TEA
Freeze-Thaw Stability	Protect from freezing

\* Property values represent typical results only and are not to be considered specifications.

## TYPICAL APPLICATIONS

- Wood interior applications requiring high performance properties in a matte finish
- Decorative topcoat applications needing a flat look while maintaining color saturation

## SHELF LIFE/STORAGE

For shelf life information, please refer to the packaging label and the Certificate of Analysis. It provides the date of manufacturing (DOM) and a recommended re-test date (RRD). Store unopened containers indoors at temperatures between 7°C - 35°C (45°F - 95°F). Mix and filter before use.

## REGULATORY STATUS

Please see the product's current safety data sheet, SDS, for regulatory information. You can request an SDS at [www.lubrizol.com/coatings](http://www.lubrizol.com/coatings).

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