

Aptalon™ W8060

Water-Borne Self-Crosslinking Polyurethane Dispersion

PERFORMANCE COATINGS

PRODUCT DESCRIPTION

Aptalon™ W8060 is a water-borne, self-crosslinking polyurethane dispersion using patented Aptalon™ polyamide polyol technology. Aptalon W8060 is designed for high performance wood flooring applications. Aptalon W8060 is NMP, NEP, and APEO free which allows for globally compliant formulations. Coating formulations made with Aptalon technology are designed to deliver very high performance properties in a 1 component system. Patented Aptalon backbone chemistry gives the resin hydrolysis resistance, hardness, and chemical resistance that outperforms other waterborne polyurethane chemistries. Formulated Aptalon W8060 has performance matching or exceeding a 2K water-borne finish without the need for external cross-linkers.

FEATURES/BENEFITS

- Formulate to <275/110 grams/liter US/EU VOC*
- NMP, NEP, and APEO-Free
- Broad level of chemical resistance
- Can be used for demanding wood finish applications
- Hard and tough films
- Finishes perform well in high traffic environments

*Using EPA method 24 / ISO 11890-2

PHYSICAL CHARACTERISTICS*

Appearance (wet)	Milky White Dispersion
Total Solids by Weight, %	36.0 ± 1.0
Total Solids by Volume, %	33.0 ± 1.0
Density, lbs. /gal (g/ml)	8.78 (1.05)
Brookfield Viscosity, cps	< 500
pH	7.5 – 8.5
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

- Interior wood finishes for high demand applications
- Original and refinished wood floors

SHELF LIFE/STORAGE

- The product should be stored in places safe from sunlight and excessive cold in original closed packages.
- It should be used within one year from manufacturing date.

REGULATORY STATUS

Please see the product's current safety data sheet, SDS, for regulatory information. You can request an MSDS at www.lubrizolcoatings.com/wood.

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