

Aptalon™ W8030 Polyurethane Dispersion

Water-Borne Self-Matting Polyurethane Dispersion

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 AND BENEFITS

- Abrasion Resistance
- Black Heel Mark Resistance
- Chemical Resistance
- Film Clarity
- Hardness
- Matte
- Self-Crosslinking
- Toughness
- UV Resistance
- Weatherability

CHARACTERISTICS

Characteristic Name	Value
% Volume Solids	33.2 - 35.2
% Weight Solids	34.0 - 36.0
Appearance	Milky White Dispersion
Brookfield Viscosity (cps)	<500
Density (lb/gal @ 25 °C)	8.69
Freeze/Thaw Stability	Protect from Freezing
Handling & Storage	Store unopened containers indoors at temperatures between 7°C - 35°C (45°F - 95°F), Mix and filter before use.
Volatile Organic Compounds (wt. %)	0.85
pH Value	7.5 - 8.5

REGULATORY

- APEO-Free¹
- NEP-Free
- NMP-Free¹

¹Not intentionally added to the composition of this product

APPLICATIONS

- Building & Construction Coatings
- Industrial OEM Coatings
- Protective Coatings
- Transportation Coatings

AVAILABLE REGIONS

- Asia Pacific
- EMEAI
- Latin America
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 365 days. See SDS for storage conditions and handling instructions.

REGULATORY STATUS

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

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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