Altorez 1023

**Altorez 1023** is a solvent-free anionic, aliphatic waterborne polyurethane dispersion designed as a raw material in the formulation of textile coatings, adhesives and bonding agents. **Altorez 1023** is supplied as a translucent, low-viscosity, co-solvent-free dispersion in water. It is typically sprayed, dipped or rotogravure printed to a wide variety of fibers and fabrics where a medium-to hard finish is required. **Altorez 1023** can be used as the sole vehicle or blended with acrylic emulsions.

**Typical Properties**

Solids: 34-38%

Viscosity @25°C 25-125 cps

pH: 7.0 – 9.0

Appearance: Milky White

Ionicity: Anionic

**Dry Film Properties**

Tensile Strength (Psi) 3500-5000

Ultimate Elongation (%) 600-700

Modulus @ 100% Elongation (Psi) 400-500

**Applications**

In that **Altorez 1023** is anionic in nature, compatibility with other chemical components should be checked in the laboratory before plant application. It may be thickened with associative thickeners for alternative application methods.

Heat curing will also improve film properties. Typical drying temperatures and dwell times for aqueous coatings are sufficient to optimize film characteristics.

Information contained in this technical data sheet is up-to-date and correct to the best of our knowledge at the date of issue and are subject to change. As Organic Dyes and Pigments LLC cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. Organic Dyes and Pigments LLC will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given.

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