

# Tekspro 5332



Aqueous Polyurethane Dispersion

## Technical Data Sheet

Name: Tekspro 5332  
Revision Date: 2024-07-04

NO. WHSM\_5332  
Version: 1.1

### Product Description

**Tekspro 5332** is an anionic aliphatic polyester -polyurethane dispersion which can be used in the field of labor protection gloves. It can be mixed with nitrile lotion to produce labor protection gloves with soft hand feel and excellent wear resistance.

### Properties

1. Super soft feel
2. Excellent wear resistance

### Characteristic data\*

| Property                | Value              | Unit              | Method                           |
|-------------------------|--------------------|-------------------|----------------------------------|
| Appearance              | Milky white liquid |                   |                                  |
| Weight Solid            | 34-36              | %                 | WHPU/T011-571-2017               |
| pH                      | 6.0-9.0            |                   | GB 8325-87                       |
| Viscosity               | 10-1000            | mPa·s             | Brookfield, LV, 63#, 30rpm, 25°C |
| Density                 | 1.02-1.09          | g/cm <sup>3</sup> | GB/T4472-2011                    |
| Tensile strength        | ~38                | MPa               |                                  |
| Elongation at break     | ~700               | %                 |                                  |
| 100% Elongation modulus | ~1.4               | MPa               |                                  |

\*These properties are typical but do not constitute specifications.

# Tekspro 5332



## Storage

Tekspro 5332 should be stored in a dark, cool, dry place, with a storage temperature of 5-35°C. The packaging should be kept intact, and it should be sealed immediately after being taken out. It should be used as soon as possible after opening the package. The shelf life of this product is 6 months from the date of manufacture. The expiration date does not mean that the product cannot be used. It is recommended to conduct a detailed performance evaluation before use to ensure safety. Skinning is inevitable during the storage and transportation of this product. It is recommended to perform proper filtration before use and use it as soon as possible.

**Disclaimer:** Wanhua Chemical Group Co., LTD. recommends that any customers of this material should check with Materials Safety Data Sheet (MSDS) for details about safely handling this material. We also suggest that you contact the suppliers of any other materials used in our recommended formulations and suggestions for appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner