

## Technical Data Sheet

Name: Tekspro®7230  
Revision Date: 2017-11-30

NO.TP\_024  
Version: 1.1

### Product Description

**Tekspro® 7230** is anionic aliphatic polyether-polyurethane dispersion which can be used on textile printing and coating. Organic solvents and neutralizing agent: Triethylamine <1%. Biocide: CMIT/MIT 3:1 49ppm, MIT 100ppm and H<sub>2</sub>O<sub>2</sub> 200ppm.

### Properties

1. Good adhesion
2. Good abrasion resistance
3. Excellent flex resistance

### Characteristic data\*

| Property                | Value              | Unit              | Method                       |
|-------------------------|--------------------|-------------------|------------------------------|
| Appearance              | Milky white liquid |                   |                              |
| Weight Solid            | 43-45              | %                 | WHPU/T011-571-2017           |
| pH                      | 7.0-9.0            |                   | GB 6920-1986                 |
| Viscosity               | 20-500             | mPa·s             | Brookfield,LV,62#,30rpm,25°C |
| Density                 | 1.02-1.09          | g/cm <sup>3</sup> | GB/T4472-2011                |
| Tensile strength        | ~30                | MPa               |                              |
| Elongation at break     | ~600               | %                 |                              |
| 100% Elongation modulus | ~3                 | MPa               |                              |

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

### Storage

**Tekspro® 7230** should be stored in dry conditions above 5°C and below 35°C with the integrity of the packaging, and prevent direct sunlight. The validity of this product is for 6 months, performance assessment is recommended before use after shelf life. Tekspro® 7230 freezes at temperatures below 0°C and this will cause irreversible damage. The product should therefore be protected from freezing during storage. The technical properties of the emulsion may change as a result of storage time and storage

# Tekspro<sup>®</sup> 7230



conditions. This can lead to deviations from the given specifications. Skins and Lumps can form during storage and transport of the dispersion due to its film forming nature. A filtration or sieve process is recommended before further processing.

**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.