

**TECHNICAL CONTROL ENVIRONMENTAL MATERIAL (SHAOGUAN) LTD.**

No.7, Gantang Nine Road, Gantang Avenue South, Xi Lian Town, Wu Jiang District,
Shaoguan, Guangdong Province

Tel: 0751-8130066/8130060

info.tcsg@techcrl.com

www.techcrl.com

Technical Data Sheet

PU 137

Description

PU 137 is an anionic aliphatic waterborne polyurethane dispersion.

Features and Application

- Soft, dry and anti-blocking
- low temperature bending resistance
- APEO, NMP and Tin substances
- Mainly used in leather primer, textile, mucilage printing

Physical Properties

Appearance	Milky white liquid
Solid Content %(2hr.@120°C)	30±1
pH	7.0-9.0
Viscosity(25°C)/ mPas	45
Tensile Strength(Mpa)	19
Elongation at break (%)	700-800
Modulus 100%(Mpa)	5
NEP(%)	4

*These properties are typical but do not constitute specifications.

Storage

Please place in a sheltered, cool and dry place, storage temperature should be 0 to 40degrees C, to keep the packaging intact. This product has a shelf life of six months from the date of manufacture and is recommended for performance evaluation after more than six months. This product needs to be strictly protected from frost, open the packaging, it is recommended to use up once. Please filter properly before use.

*The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained. The information is based on laboratory work with small-scale equipment and does not necessarily indicate end product performance. Because of the variations in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the applications disclosed. Full-scale testing and end product performance are the responsibility of the user. Technical Control Environmental Material (Shaoguan) Ltd. shall not be liable for and the customer assumes all risk and liability of any use or handling of any material beyond TC's direct control. The SELLER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND 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