

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

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Technical Data Sheet

PU 618

Description

PU 618 is an anionic aliphatic waterborne polyurethane dispersion.

Features and Application

- High hardness, smooth hand feel
- High fullness and transparency
- Good weather, scratch and solvent resistance
- APEO, NMP and Tin substances
- Mainly used in Leather topcoating, especially suitable for crocodile skin, PVC coatings, PET and OPP printing ink and wood coatings

Physical Properties

Appearance	Milky white liquid
Solid Content %(2hr.@120°C)	35±1
pH	7.0-9.0
Viscosity(25°C)/ mPas	< 160
Tensile Strength(Mpa)	35-45
Elongation at break (%)	200-300
hardness(König)	130
Modulus 100%(Mpa)	25-35
DEF(%)	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.

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