

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

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## Technical Data Sheet

### PU 8509

#### Description

PU 8509 is an anionic aliphatic waterborne polyurethane self-matting resin. It has an extremely low gloss, high film-forming transparency, a very good touch, and good compatibility with various waterborne polyurethane dispersions and acrylic emulsions.

#### Features and Application

- Soft rubber feel
- Super matte and high transparency film forming
- matting agent-free, good storage stability
- Good bronzing and recoatability
- Achieve better performance combined with water dispersible isocyanate curing agent, polycarbodiimide curing agent and aziridine curing agent
- APEO, NMP and Tin substances free
- Mainly used for paper coating, printing ink, leather finishing, wood coating, and plastic coating.

#### Physical Properties

<b>Appearance</b>	Milky white liquid
<b>Solid Content % ( 2hr. @120°C)</b>	32±1
<b>pH</b>	7.0-9.0
<b>Viscosity( 25°C ) / mPas</b>	< 1000
<b>Gloss(60° gloss meter)</b>	< 0.9

\*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 40 degrees 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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