



บริษัท ท็อปส์ ซินเนอร์จิสต์ จำกัด
TOPS SYNERGIST CO.,LTD.

TECHNICAL DATA SHEET

TOPS PUD-842

Polyurethane Dispersion

PUD-842 is a waterborne polyurethane dispersion based on aliphatic components.

Dispersion Properties.

Appearance:	Opaque Liquid
Polymer type:	Aliphatic polyurethane
Particle charge:	Anionic
Total solids content:	40 % \pm 1 %
Brookfield viscosity(RVT 1/20 rpm, 20°C):	100 – 300 mPas
pH:	7.5 – 9.0
Particle size:	ca. 70 nm
% elongation:	> 830%
100 % modulus:	2.5 N/mm ²
Tensile strength:	20 N/mm ²
Co-solvent (%NMP):	5 %

Film properties.

Appearance:	Clear, glossy and transparent
Surface:	Soft film

Applications.

PUD-842 is a waterborne urethane polymer soft film designed for a variety of applications including automotive. It can be used as a laminating adhesive.

Storage.

The shelf life is a half year in shade of the sun from 5°C to 30°C. PUD-842 is freeze-thaw stable.