

UTOP 161

Characteristics of Emulsion

Appearance	: Semi Transparent Emulsion
Nature	: Aliphatic Polyurethane Dispersion
Charge	: Anionic
Solid Content	: 34 ± 1%
pH (10% Sol.)	: 8.0 ± 0.5
N.M.P. Content (%)	: Nil
Mechanical Stability	: Good

Characteristics of Film

Appearance	: Transparent, Flexible & Tough
Tensile Strength	: 7.7 Mpa / 1115 PSI
Elongation	: 150%
Gloss	: 84 BYK Gardner
Shore A Hardness	: 95 (Zwick/Roell)
Light Fastness	: Excellent
Cold-crack Resistance	: Excellent

REACH COMPLIANT



Green-Trek- Compliant

a symbol of our commitment to sustainable technologies

Storage : Store between +5 °C to 35 °C in original pack, well-sealed.
Shelf-life : Product is stable for 6 months from the date of production.



Non Flammable / Keep Flames Away

Store Indoors



Protect From Snow

Use Gloves/Ensure Ventilation



High Gloss Aliphatic Polyurethane dispersion used as top coats for a “Patent Look” that is smooth and glossy with excellent fastness properties.

UTOP 161 forms a film of high gloss and high clarity that is well levelled, uniform and smooth - essential for a “Patent Look”. The product is designed as a high solid dispersion to ensure high dilution ratios. Film formed by **Utop 161** shows excellent light-fastness, good flex, very good cold crack, abrasion and scuff resistance.

Gloss of formed film can be regulated with the help of Utop Matt which is compatible with **Utop 161** in any ratio. The product can be cross-linked with the help of Xama 2 or Xama 7 in order to further improve the physical properties provided by this product.

Usage

- **UTOP 161** is generally applied with the Roller Coater without dilution.
- **UTOP 161** can be mixed with required quantity of Utop Matt for regulating the gloss of top coat and with cross linking agents for improving its physical properties.

IMPORTANT: PROTECT FROM FREEZING.

Note: Suggested formulations are only for guidance and necessary modifications must be made to achieve a particular result.