

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 & stored.
Shelf-life : Product is stable for 6 months from the date of production / Invoice.



Non flammable

Avoid direct contact with skin



Prevent from freezing

Use Gloves / Ensure Ventilation



High Gloss aliphatic Polyurethane dispersion used for top coats for "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.