

QS 9282 • Fully Reacted Thermoplastic Lacquer

KEY FEATURES

- Thermoplastic
- Clear, color stable
- Abrasion Resistant
- Glossy Films
- Good Solvent Resistance
- High Performance/ Cost Ratio

DESCRIPTION & USES

A slightly viscous solution of fully reacted polyester polyurethane supplied in toluene/ isopropanol. Upon drying, QS 9282 yields tough elastomeric films.

PHYSICAL PROPERTIES

<i>Product as Supplied</i>	
Appearance	Viscous, slightly hazy liquid
Solids content (wt %)	42.5% ±1%
Viscosity	15000 cps @70°F ±2000
Product Density	8.23 lbs/ gal

<i>Dry polymer film</i>	
Physical nature	Clear, glossy, elastic
Tensile strength, psi	3800 ±1400
Elongation@Break, %	680 ±120%
Modulus@100%, psi	300 ±100, psi

APPLICATION

QS 9282 is highly recommended for the formulation of durable functional and decorative finishes for flexible to rigid substrates such as woven and nonwoven textiles, leather, plastic, wood, paper and paperboard. The product is readily pigmentable, maintaining superior properties at relatively high loadings.

As a true thermoplastic lacquer, QS 9282 mimics chemically crosslinked vulcanizates without the disadvantages of multi-component systems, or alternatively, single-component systems requiring strict, energy intensive baking schedules. In fact, coating systems based on QS 9282 attain admirable properties through mere evaporation processes keeping your formulation simple and predictable time after time.

HANDLING & STORAGE

Store this product between 40 - 100°F, away from all sources of ignition. For best results, mix well before using. Avoid prolonged or repeated contact with the skin and use with adequate ventilation. Consult the SDS supplied with this product before handling.

The information contained herein relates to a specific Mace Polymers & Additives product and its use, and is based on information available as of the date issued. Additional information relating to the product can be obtained from the related SDS. Nothing in this data sheet shall be construed to constitute a representation or warranty, express or implied, regarding the product's characteristics, use, quality, safety or fitness for a particular purpose. Additionally, no statements made herein may be construed as permission or recommendation to use any intellectual property without permission of the owner.

Mace Polymers & Additives Inc.
A COMPANY OF PROTEX INTERNATIONAL

38 Roberts Road (PO Box 1517), Dudley, MA 01571
(508) 943-9052 • info@maceco.com • www.maceco.com