

MACROLIC TSA-1003 RL

2K hydroxy functional acrylic copolymer, able to crosslink at room temperature

PRINCIPAL PROPERTIES

- Good exterior durability
- Good weathering resistance

APPLICATIONS

- Coating for metal, fiber glass
- Automotive top coat
- Home appliances

PHYSICAL CONSTANTS

Solid % (120°C / 1 hr)	60 ± 2
Appearance	Clear
Color (APHA / pt-co)	20 max
Acid Value (On Solid) (mg KOH/gm)	10 max
Viscosity in poise (as such at 25°C in B.F. RVT S.S.A. Spindel - 28 / RPM - 60)	35-65
Hydroxyl Value (On Solid) (mg KOH/gm)	85-100

MIXING RATIO

Mixing Ratio can be calculated as below.

OH No. * 7.5 / NCO % = Weight of isocyanate required to cure 100 gm polyol

**MACRO POLYMERS PVT. LTD.**

165, Mahagujarat Ind. Estate, Sarkhej-Bavla Road, P.O. Moraiya,
Tal. Sanand, Dist.: Ahmedabad-382213. Phone : + 91 7600060933
Website : www.macropolymers.com

CIN : U17119GJ1994PTC024006

SOLUBILITY

Mix Xylene	Soluble
Toluene	Soluble
Butyl Acetate	Soluble

DELIVERY FORM

MACROLIC TSA-1003 RL	60 ± 2% in Mix Xylene/ Ethyl Cellosolve Acetate
----------------------	---

SHELF LIFE

2 Years*

*Material should be stored in the original unopened containers under the shaded area at ambient temperature. Once opened and material used partially, after use the container must be properly sealed to avoid water and air contamination.

**MACRO POLYMERS PVT. LTD.**

165, Mahagujarat Ind. Estate, Sarkhej-Bavla Road, P.O. Moraiya,
Tal. Sanand, Dist.: Ahmedabad-382213. Phone : + 91 7600060933

Website : www.macropolymers.com

CIN : U17119GJ1994PTC024006