

Resinex 60

Resinex 60 is a flexible polyurethane with elastoplastic character, which has been formulated for use in electronics and electrical industries. The resin adheres well to metallic and non metallic materials and resist tracking. Dielectric losses are low. Suitable for high voltage application.

properties of components	resin	hardener
appearance	black liquid	Brown liquid
viscosity (at 20 ⁰ C)	6000-8000 mPas	80-140 mPas
specific gravity (at 20 ⁰ C)	1.38	1.24

properties of mixture	test measurements
mix ratio (by weight)	90 resin / 10 hardener
gel time (at 20 ⁰ C)	60-150 minutes
cure time (at 20 ⁰ C)	24 hours

properties of cured mixture	test measurements
specific gravity	1.36
hardness Shore A	50
tensile strength	215 psi
elongation	100 %
electrical strength	23 kV/mm
water absorption	0.1 %