

EPOXY RESINS MODIFIERS

Areas of Application

The epoxy-urethane modifiers of epoxy resins provide durable adhesive-bond joints for products of mechanical engineering, aviation, and shipbuilding industry

Specification

Viscous transparent colorless liquids; miscible with commercial epoxy resins; the long-term stability of modified composition (20 °C) exceeds 6 months; the shear strength (modified ED-20 resin, 20 °C, stainless steel) is 13.2 MPa; harden at low temperature



Epoxy resin modifiers

Advantages

In comparison with the known analogs, the offered modifiers provide, at a moderate cost, the required viscosity of final adhesive composition and durable adhesive-bond joints of different materials; enable adjusting the final composition viscosity



Stage of Development. Suggestions for Commercialization

IRL5, TRL5
Batches manufactured
and supplied, upon request



Scope of application of modified epoxy resins

IPR Protection

IPR1

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