

## TSE Industries EzNATE® 100 Polyurethane Resin

Category : Polymer , Thermoset , Polyurethane, TS , Thermoset Polyurethane, Liquid

**Material Notes:**

TSE-EcoWIND® resins are "Environmentally-Preferred Products" or EPP's. They are a pair of polyurethane resins free of Styrene, and are "ultra-low" emitting during application. TSE-EcoWIND® resins are formulated for filament winding applications serving the composite pressure vessel, tank, and piping markets. These PU resins have tested positively in both hot and cold pressure vessel applications and can be applied to reinforce thermoplastic substrates (i.e. polyethylene, ABS, etc.) or applied directly to a release coated mandrel surface. All information provided by TSE Industries

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_TSE-Industries-EzNATE-100-Polyurethane-Resin.php](http://www.lookpolymers.com/polymer_TSE-Industries-EzNATE-100-Polyurethane-Resin.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	
	@Temperature 23.9 °C	@Temperature 75.0 °F	
Viscosity	400 - 600 cP	400 - 600 cP	
	@Temperature 23.9 °C	@Temperature 75.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	25.0 min	0.417 hour	
	@Temperature 57.2 - 62.8 °C	@Temperature 135 - 145 °F	
Gel Time	3.00 - 15.0 min	3.00 - 15.0 min	when reacted at 1:1 by volume, based on application
	@Temperature 23.9 °C	@Temperature 75.0 °F	
Shelf Life	6.00 Month	6.00 Month	Sealed containers should be stored between 75°F and 95°F
	@Temperature 23.9 °C	@Temperature 75.0 °F	

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