

Cryogenic epoxy Specification

SN	Description (with Units)	BHEL Specification
Resin		
1	Resin type	Unmodified Bisphenol-A
2	Viscosity at 298 K (Pa.S)	10 to 150
3	Density at 298 K (Kg/L)	1.1 to 1.5
4	Shelf Life	Minimum of 1 Year
5	Service temperature	4.5K to 300K
6	Other Specifications	Shall Impart High mechanical strength, Suitable for FRP filament winding process, low degassing under cryogenic conditions, Compatible with aramid Fildres
Hardener		
1	Hardener Type	Compatible with the resin
2	Viscosity at 298 K (Pa.S)	10 to 100
3	Density at 298 K (Kg/L)	1.1 to 1.5
4	Pot Life at 298 K	Minimum of 2 hours
5	Other Specifications	Shall Impart High mechanical Strength, Suitable for FRP filament winding process, low degassing under cryogenic conditions, Compatible with aramid Fibres

Note:- The quantity mentioned against each item is an approximate and indicative only and is subject to actual mixing ratio and packing size of the system offered by the vendor. However, the nearest available size will be considered to match the indicated quantity.