



# LINDAU CHEMICALS INC.

COLUMBIA, SOUTH CAROLINA 29201  
731 ROSEWOOD DRIVE

PHONE 803-799-6863  
TELEFAX 803-256-3639  
EMAIL LCI@LINDAU.NET

## TECHNICAL DATA SHEET

### LINDRIDE 22 SERIES

Members of the LINDRIDE 22 SERIES of liquid anhydrides are composed of pre-catalysed forms of Methyl-5-norbornene-2, 3-dicarboxylic Anhydride. They are amber coloured low-viscosity liquids which blend readily with epoxy resins at normal temperatures. At elevated temperatures, they are converted to highly cross-linked polymers with excellent physical and electrical properties.

Being anhydrides, they react with water to form the corresponding acids which are high melting solids for low solubility. For this reason it is important that moisture be excluded from the anhydride or its systems.

The LINDRIDE products have been specifically formulated for use in applications such as filament winding, pultrusion, molding and potting where excellent electrical properties, high heat deflection temperatures, minimum shrinkage and long pot life are required.

### INDIVIDUAL PRODUCTS

LINDRIDE 25 is pre-catalysed with an imidazole derivative. It is recommended for applications requiring high heat deflection temperatures.

LINDRIDE 29 is a pre-catalysed form of Methyl-5-norbonene-2, 3 dicarboxylic Anhydride which has been specially formulated for maximum pot life. When mixed with liquid bisphenol-A epoxy resins, pot lines on the order of several months may be obtained at ambient temperature, and much longer at lower temperatures. LINDRIDE 29 is recommended for one part system formulations.

### TYPICAL PROPERTIES

	<u>LINDRIDE 25</u>	<u>LINDRIDE 29</u>
Anhydride Equivalent Weight	175 - 185	175 - 185
Brookfield Viscosity (cps @ 25°C)	200 - 350	175 - 250
Specific Gravity	1.20 - 1.25	1.20 - 1.25
Flash Point (TCC)		

We believe all information given is accurate. It is offered in good faith, but without guarantee. Since conditions of use are beyond our control, all risks of use are assumed by the user. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license under valid patents.