



Technical Data Sheet

HYPERLAST LU 1087 Polyol **HYPERLAST LE 5046** Isocyanate

Description

HYPERLAST™ LU 1087 Polyol / HYPERLAST LE 5046 Isocyanate is a 65 shore A hardness, polyether based system designed for casting at low temperatures.

Typical Component Properties

	Units	HYPERLAST™ LU 1087 Polyol	HYPERLAST™ LE 5046 Isocyanate	Test Method
Viscosity	cPas	800	400	
Density	g/ cm ³	1.01	1.21	

These are typical values and should not be construed as specifications.

Recommended Process Conditions

	Units	Values
HYPERLAST™ LU 1087 Polyol	pbw	100
HYPERLAST™ LE 5046 Isocyanate	pbw	37-38
Polyol Temperature	°C	25-30
Isocyanate Temperature	°C	25-30
Mould Temperature	°C	50-80

These are typical values and should not be construed as specifications.

Typical Reaction Characteristics

	Units	
Gel Time	min	3-5
Demould Time	min	15-30

These are typical values and should not be construed as specifications.

Handling and Storage

	Units	HYPERLAST™ LU 1087 Polyol	HYPERLAST™ LE 5046 Isocyanate
Recommended storage temperature	°C	10-30	25-35
Storage stability / Shelf life ⁽¹⁾	months	12	12

1. Stored in the original sealed drums in a dry place at the recommended temperature

Product Stewardship

The Dow Chemical Company and its subsidiaries ("Dow") has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our Product Stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our Product Stewardship program rests with each and every individual involved with Dow products — from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Safety Considerations

Safety Data Sheets (SDS) are available from The Dow Chemical Company. SDS are provided to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. SDS are updated regularly, therefore, please request and review the most current SDS before handling or using any product. These are available from the nearest Dow sales office.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested, Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

Contact information:

For more information about this product please call The Dow Chemical Company.

North America: 1-800-447-4369
Latin America: (+55) 11-5184-8722
Europe: (+31) 11-567-2626
Asia/Pacific: (+60) 3-7965-5392
<http://www.dow.com/pusystems/index.htm>

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED

