



Dow Hyperlast

engineering polyurethane excellence

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HYPERLAST™
in Electrical and
Electronic Applications



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Polyurethanes for electrical and electronic applications

- Protection of components from moisture
- Provides high-insulation performance
- Resists impact and high temperatures
- Offers excellent mechanical strength



HYPERLAST™ polyurethanes for the electrical and electronics industries are designed to protect and insulate many different components in a variety of conditions.



HYPERLAST™ can be moulded or spray applied, and the materials are tailored to suit the customers' processing methods and performance requirements.

All HYPERLAST™ materials are quality assured to ISO 9001 and are backed by outstanding technical service.

Overleaf are representative examples of current products and their applications.

Polyurethanes for electrical and electronic applications

Materials and applications

<i>Application</i>	<i>Properties</i>	<i>Colour</i>	HYPERLAST™
Cushioning in encapsulation	30 - 35° A Hardness Long Pot Life	Brown	2851310
General encapsulation of electrical and electronics components	Good low temperature flexibility 60 - 65° A Hardness	Black	2851231
	Low Viscosity 75 - 80° A Hardness Hand or machine mix	Black	2851216
	Good flow/wetting 85 - 90° A Hardness	Black	2851232
	Long pot life	Brown	2851801
Transformer encapsulation	Semi - Rigid Low shrinkage 60 - 65° D Hardness	Brown	2874803
	Rigid 80 - 85° D Hardness	Green	7983266
	Good retention of electrical properties after water immersion 70° D Hardness	Brown	7853266
			7853288
Cable terminators including Sub-Sea	Good hydrolysis resistance Range of hardnesses 3S - 9S° A	Pigment range available	200 Series 2851803