

TECHNICAL DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

NAME OF THE PRODUCT	Thread locker medium strength blue 50 ml
CODE	080205
DISTRIBUTOR	BOSSAUTO INNOVA, S.A.
ADDRESS	c/ Thomas Edison 16, Apartado de correos 95
CITY	08430 La Roca del Vallés (Barcelona) SPAIN
PHONE	+ 34 93 860 49 23
FAX	+34 93 871 23 36
E-MAIL	info@bossauto.com
WEB	www.bossauto.com

2. PRODUCT DESCRIPTION

Thread Locker is a single component anaerobic product suitable for threaded metal parts against loosening from shock and vibrations. Product cures spontaneously and rapidly when confined in absence of air between close fitting metal surfaces with small gap fill. Thread Locker seal and blocks all kind of bolt connections. High resistance against vibrations polymerises very fast on a high variety of iron metals. Middle to de-install.

3. PROPERTIES

Nature	Methacrylic resin
Appearance	Blue
Viscosity	500/800mPas.
Specific Gravity	1,6
Flash Point	>100°C

4. INFORMATION ON POLYMERISATION

The speed of cure will depend on two main factors; kind of materials, ambient temperature. The graph below shows the strength developed with time on some kind of metal. The different materials have been tested according to ISO 10964. The speed of cure will depend on ambient temperature. The right temperature range of cure is from +20°C to +25°C. Low temperature from +5°C to +20°C reduce speed of reaction, higher temperature will increase the speed.

5. FEATURES OF CURED PRODUCT

The following data have been referred to test carried out at 22°C, after 24 hours.

Breakaway torque: ISO-10964	N.m	20/30
Prevail torque: ISO-10964	N.m	15/25
Temperatura strength: Max Gap Fill	°C mm	-50°C a +150°C 0.15

6. GENERAL INFORMATION

For use this product in metal/plastics assembling, the compatibility of materials should be tested. Not recommended for use in oxygen facilities and as sealant for strong basic or oxidising agents. For best performance surfaces should be clean and free of grease. Apply the product on the whole busy surface. Shut completely the parts. This product performs better on push-fit assemblies. On difficult metallic surfaces use the product in combination to an Activator. Shelf life: at least 12 months from +5°C to +28°C.

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others whose methods we have no control. It is the user's responsibility to determine suitability of features of the products related to their own production process and to adopt such precaution for the protection of person against any hazards that may be involved in the handling and use.

The technical information is in accordance with our experience. We assure the quality of the product. However, the conditions of use are not under our control and we cannot assume any responsibility of the obtained results.