

TECHNICAL DATA SHEET



INDASOL 2020E

Page 1 of 2

PRODUCT DESCRIPTION:

Indasol 2020E is a two-component transparent structural methacrylate adhesive, designed for the bonding of high strength plastic and composite applications. This grade is an advanced liquid composite which combines shock resistance and toughness from a unique blend of hybrid rubbers, with a high tensile shear strength from an innovative liquid plastic resin. Once bonded, this fusion of chemistries achieves an ultra-high strength UV stable bond with excellent chemical and environmental resistance.

TYPICAL APPLICATIONS:

Indasol 2020E is very versatile, and can bond a wide variety of substrates to plastic without the need for surface primers or conditioners. Typical examples shown below:

- Bonding polycarbonate letters in the sign industry.
- Bonding Perspex in POS manufacture.
- Repairing polycarbonate headlights.
- Bonding outdoor lighting lenses and fixtures.
- Assembling electric meter houses and covers.

APPLICATION INSTRUCTIONS:

1. Always consult SDS before using Indasol 2020E for the first time.
2. Carry out surface preparation where required. *
3. Remove cap, burp cartridge and then attach mixer nozzle.
4. Dispense sufficient adhesive to ensure equal mix.
5. Apply adhesive to one surface and assemble components carefully, clamping if required.
6. It is always easier to remove any excess adhesive prior to cure using a suitable cleaner *
7. Allow the adhesive sufficient time to achieve handling strength before moving or unclamping components.
8. Once product has fully cured, polish any adhesive outside of the bond line with a soft cloth to achieve a deep shine.

*Contact your INDASOL representative for full information and usage instructions.



NEXT DAY DELIVERY AVAILABLE

For further information, samples and a demonstration, please contact:

0121 556 9900 **technical@indasol.co.uk**

For our Ireland sales manager please contact us on 07795 151814

www.indasol.co.uk

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Page 2 of 2

PROPERTIES OF UNCURED MATERIAL:

Resin	Methacrylate Blend
Colour	Clear
Appearance	Transparent Liquid
Viscosity Spindle 6 @ 20rpm	10,000cps
Cure System	Exothermic
Open Time	1-2 Minutes @ 20°C
Handling Strength	4-5 Minutes @ 20°C

PERFORMANCE OF CURED MATERIAL:

ASTM D1002 Lapshear	Acrylic Plastic	8.2 Nmm ²
ASTM D1002 Lapshear	Polycarbonate	12.5 Nmm ²
Gap Fill	3mm	
Temperature Range	-55°C to 125°C	

PACKAGING:

Indasol 2020E is available in 50ml Nylon cartridges for use with a dispensing gun.

STORAGE & SHELF LIFE:

Indasol 2020E should be stored unopened in a cool dry location, out of direct sunlight. Stored correctly, this grade can offer a 6 month shelf life from manufacture.

HEALTH & SAFETY IN USE:

Indasol 2020E is a methacrylate blend and should not be used without consulting the SDS, which contains full information regarding the use of this product, including Transport, Disposal, Toxicological, Exposure Controls, Accidental Release and First Aid measures.

These suggestions and data are based on information we believe to be reliable and accurate, but no guarantee of their accuracy is made. Indasol Group shall not be liable for any damage, loss or injury, direct or consequential arising out of the use or the inability to use the product. In every case, we urge and recommend that purchasers, before using any product in full scale production, make their own tests to determine whether the product is of satisfactory quality and suitability for their operations, and the user assumes all risk and liability whatsoever, in connection therewith. Please contact us for further assistance and information.



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