

**KEOL****EPOXY ADHESIVE****K-POXY 2711**

**2711 adhesive from the K-POXY range** is the result of the latest technological advances in the formulation of epoxy resins. Today, it makes it possible to obtain a flexible material while maintaining all the advantages of epoxy: mechanical resistance and strong adhesion without the inconvenience of aging of previous formulations. In addition, the hardener has also been reformulated to ensure the absence of CMR compounds.

This new system allows the production of high performance composites with implementation at room temperature. It is formulated for the production of flexible laminates requiring increased resistance to impact or subjected to fatigue.

- EXCELLENT WETABILITY
- EXCELLENT ADHESION ON ALL SUBSTRATES
- FLEXIBLE
- HARDENING IN THE AMBIENT

CHEMICAL BASIS	Epoxy
COLOR	Colorless Orange
HARDNESS	45D
VISCOSITY	500 mPa.s

PROPERTIES	COMPONENT A	COMPONENT B
Color	Colorless	Orange
Appearance	Liquid	
Viscosity @ 23 ° C - ISO 12058.2 (± 15%)	600 mPa.s	350 mPa.s
Mixing rate by weight	100	126
Density ISO 1675 (± 0.03)	1.14	1.00
Density of the mixture ISO 1675 (± 0.03)	1.06	
Shore hardness	45D	
Tg Transision Glassy after 14 days @ 23 ° C	<0 ° C	
ISO 527 tensile modulus	2.6 MPa	
ISO 527 tensile strength	1.2 MPa	
Elongation at break ISO 527	72%	
Gel time on 70mL @ 23 ° C (height 4cm)	3h40min	
Time at exothermic peak on 70mL @ 23 ° C	1h47min	
Temperature at exothermic peak over 70mL @ 23 ° C	39.2 ° C	
Gel time on a 2mm thick film @ 23 ° C	5h30min	

LE K DES COLLES !

# KEOL

## EPOXY ADHESIVE



### STORAGE & TRANSPORT

Keep containers tightly closed after use in a cool, well-ventilated place protected from frost and excessively high temperatures. Our products are guaranteed in their original packaging (see DLU on the packaging label).



### HYGIENE & SAFETY

The usual precautions for the use of epoxy resins must be observed. Our safety data sheets are available on request. It is important to wear protective clothing and avoid skin contact with the products. In case of contact, wash thoroughly with soapy water. In case of eye contact, wash thoroughly with lukewarm water. Consult a specialist.



### PACKAGING

0.9kg: (0.4 + 0.5) kg

1.8kg: (0.8 + 1) kg

9kg: (4 + 5) kg

45kg: (20 + 25) kg

342kg: (152 + 190) kg



### NOTE

The information, and particularly the recommendations regarding the application and the KEOL products, are given to you in good faith and are based on current knowledge and experience of the products having been properly stored, handled and applied under normal conditions. KEOL cannot take responsibility for the results obtained by others since we have no control over their method. It is up to the user to determine the suitability of the products for the specific application for any production methods mentioned in this document. Also, it is up to the user to adopt the necessary precautions as recommended for the protection of the establishment and the people against any kind of risks which could arise during the handling and the use of the products. KEOL cannot assume all the guarantees mentioned or implied, including guarantees of market value or of conformity for a specific reason, arising from the sale or use of KEOL products. KEOL cannot assume responsibility for any incidental consequences or damages of any kind, including lost profits. Users should always refer to the most recent edition of the technical data sheet for the product concerned. Copies of this document will be provided upon request. Users should always refer to the most recent edition of the technical data sheet for the product concerned. Copies of this document will be provided upon request. Users should always refer to the most recent edition of the technical data sheet for the product concerned. Copies of this document will be provided upon request.