

Technical Datasheet



Article No. 14-80

Article Cyanoacrylate Adhesive
viscous flexible, black

Available sizes
20g, 50g, other sizes upon request



Product description / Please note

VARYBOND® Grade 14-80 is a black cyanoacrylate adhesive, which has been developed for all applications under thermal and/ or climatic conditions. The product shows excellent resistance against dynamic loads like impacts or vibrations. Due to its short-term temperature resistance up to +140°C, it is also suitable for SMD technique, where later soldering bath is requested. The black colour allows the use in loudspeaker applications, too.

Application

The parts should be dry, clean and free of any kind of grease so that the best result can be achieved. Apply directly from the bottle.

Physical Properties

Liquid Product

Chemical Base	α -Cyanoacrylicacid-ethylester
Colour	black
Viscosity mPas @ 25°C	200 - 400
Density g/cm ³ (DIN 51757)	1,06
Flash point (DIN 55213)	87 °C
Shelf life	12 months when stored correctly
Fixture time on	
Aluminium / Aluminium	25 - 45 seconds
SBR / SBR - rubber	10 - 15 seconds
EPDM / EPDM - rubber	14 - 20 seconds
Final strength	24 hours

Cured Product

Rensile Shear strength on	
Aluminium / Aluminium	> 22 N/mm ² (DIN EN 1465)
Storage D hardness	65 - 75
Elogation	> 8%
Thermal range	- 30°C up to + 100°C
Melting point	+165°C

Storage / Shelf life

Package should not be mixed with other materials. Shelf life is up to 12 months if stored correctly under 10°C. Package after emptying to be disposed via metal scrap.