

Technical Datasheet



Article No. 14-205

Article Cyanoacrylate Adhesive Plastic

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



Product description / Please note

VARYBOND® Grade 14-205 is an excellent adhesive for material combinations with different thermal elongation coefficients. Due to its viscosity, the product is also suitable for porous materials.

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 -Cyanoacrylic acid-ethylester
Colour	clear / colourless
Viscosity mPas @ 25°C	1000 - 1300
Density g/cm ³ (DIN 51757)	1,08
Flash point (DIN 55213)	87 °C
Shelf life	12 months when stored correctly

Fixture time on

Aluminium / Aluminium	50 - 70 seconds
SBR / SBR - rubber	5 - 8 seconds
Polycarbonate / Polycarbonate	8 - 12 seconds
EPDM / EPDM - rubber	5 - 8 seconds
Final strength	24 hours

Cured Product

Rensile Shear strength on Aluminium / Aluminium	> 25 N/mm ² (DIN EN 1465)
Tensile Force on round rubber profiles SBR / SBR	> 1'800 N, ϕ 18mm
SBR / SBR (10 days / 70°C)	> 1'600 N, ϕ 18mm
EPDM / EPDM	> 220 N, ϕ 16mm
EPDM / EPDM (10 days / 70°C)	> 200 N, ϕ 16mm
Thermal range	- 30°C up to + 80°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.