

Elmer's Products Aron Alpha® 803 Cyanoacrylate Adhesive (Industrial Krazy Glue™)

Category : Polymer , Adhesive , Thermoset , Acrylic/Cyanoacrylate Adhesive

Material Notes:

Low odor, low chlorosis (bloom) when a transparent bond, appearance and strength are required. High gap fill. Ethoxyethyl monomer. Excellent on rubber/plastic substrates. Fair on metal substrates. Excellent on porous substrates. Military Spec MIL-A-46050C Class 3. A primer is required for hard-to-bond materials such as polyethylene, polypropylene, acetal, PET, nylon, soft PVC, silicone rubber, and glass. General information about the Aron Alpha® product line: Cyanoacrylates are single component instant adhesives that bond a wide variety of surfaces with a strong, durable bond. They offer ease of application, a wide range of performance parameters, and reliable solvent-free bonding. Toagosei Co., Ltd. produces cyanoacrylates in Japan, marketed as Aron Alpha® in Japan, Cyanolit® in Europe, and Krazy Glue® in the US. Elmer's Products markets Krazy Glue® to the retail trade and Aron Alpha® to the industrial trade in North America. Information provided by Elmer's Products, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Elmers-Products-Aron-Alpha-803-Cyanoacrylate-Adhesive-Industrial-Krazy-Glue.php

Physical Properties	Metric	English	Comments
Viscosity	1500 cP	1500 cP	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	22.8 MPa	3300 psi	vs. polycarbonate; 60 s set time
	26.2 MPa	3800 psi	vs. aluminum; 30 s set time
	30.3 MPa	4400 psi	vs. steel; 30 s set time
	31.7 MPa	4600 psi	vs. rigid PVC; 15 s set time

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 °C	176 °F	

Optical Properties	Metric	English	Comments
Transmission, Visible	80 %	80 %	Estimated; Manufacturer specifies clear but does not quantify.

Processing Properties	Metric	English	Comments
Processing Temperature	20.0 °C	68.0 °F	typically used at ambient temperature

Descriptive Properties	Value	Comments
Color	Clear	

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