## **TECHNICAL DATA SHEET**



**Test Method** 

Value

Blue

## QLE 1039 Coating

Color

Property

**Uncured Product** 

This elastomer is designed for fabric, textile or cloth coating applications where a tough coating and excellent adhesion is needed.

needed.	Color A		Translucent
Key Features	Color B		Blue
• 100% solids	Cure Profile		60 minutes at 150°C
Long open time	Cure Type		Addition
<ul><li>Excellent adhesion</li><li>Tough, resilient coating</li></ul>	<b>,</b>		>24 hr
	Gel Time at 25°C/77°F		
Application	Mix Ratio By Weight		1:1
Fabric, textiles and cloth coating applications	Rheology		Liquid
Use and Cure Information	Self Bonding		Yes
Important	Specific Gravity A		1.02
The "A" part of this elastomer contains the platinum catalyst;	Specific Gravity B		1.02
great care should be taken when using automated dispensing	Viscosity A	Brookfield	31,000 cP
equipment to not cross-contaminate systems.	Viscosity B	Brookfield	18.000 cP
Mixing	Viscosity Mixed	Brookfield	25,000 cP
Both the "A" and "B" parts should be well stirred to ensure the	VISCOSITY IVILLED	DIOOKIIEIU	23,000 CF
material is uniform. The elastomers should be mixed by weight.	Cured Product		
Once they are mixed, the curing process begins. The gel time of	60 minutes at 150°C		
the mixed material is listed under the typical properties. Fast		ISO 37	180 %
curing gels should be dispensed utilizing automated mix and dispensing equipment. In order to achieve optimum performance,	Elongation at Break		
the same "A" and "B" side lot number should be used.	Hardness Shore A	ASTM D 2240-95	
De-Aeration	Tensile Strength	ISO 37	5.52 N/mm2 / 800 psi
	Young's Modulus		470 psi
Air trapped during mixing should be removed to eliminate voids in	5		•

the cured product. Vacuum de-airing may be necessary to

completely remove all entrapped air bubbles. To ensure proper de-airing, subject the mixed material to 29 inches mercury.

## Storage and Self-life

This product is best when used within 24 months for the date of manufacture; see product label and/or the CoA for the specific "use by date". Product should be stored in its original. unopened container in an environment that does not exceed 38°C (100°F). Storage beyond the date specified on the label does not neccessarily mean that the product is no longer usable. In this case, the properties required for the intended use should be checked for quality assurance reasons.

## Health & Safety

Please observe our safety data sheets and the safety remarks on our container labels when handling our products. The dangerous goods regulations and the accident prevention regulations of the professional associations must be particularly observed. Keep the safety data sheet of the applied product at hand since it provides you with useful instructions for the safe use and disposal of the product as well as for actions to be taken in case of accidents.

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