

# Addisil™ 6101

Silicone

Momentive Performance Materials Inc.

## Message:

Addisil 6101, Momentive Performance Material's Silicone adhesive, is a one-component heat curable silicone adhesive sealant which will bond to many substrates without a primer and which will cure rapidly at elevated temperatures. This product has a very long working time at room temperature and will not cure completely until exposed to elevated temperatures.

Addisil 6101 silicone adhesive is a black, thixotropic paste, which can be applied to vertical or overhead surfaces.

### Key Features and Benefits

One component product - no mixing required

Room temperature storage

Very fast cure at elevated temperature (in a range of 110°C to 230°C)

Primerless adhesion to many types of substrates (e.g. aluminum, copper, stainless steel, glass, enamel, ceramic)

No formation of cure by-products; low linear shrinkage

Non-corrosive to metals and sensitive substrates

Outstanding performance over a wide temperature range

Service temperature -50°C to 250°C

General Information		
Features	Bondability	
	Fast Cure	
	Good Adhesion	
	Heat Cure	
	Non-Corrosive	
	Thixotropic	
Uses	Adhesives	
	Sealants	
Appearance	Black	
Forms	Paste	
Thermoset	Nominal Value	Unit
Shelf Life (< 27°C)	> 17	wk
Uncured Properties	Nominal Value	Unit
Density	1.11	g/cm <sup>3</sup>
Curing Time		
200°C	8.3E-3	hr
175°C	< 0.033	hr
150°C	< 0.083	hr
125°C	< 0.17	hr
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore A)	43	
Tensile Strength	9.20	MPa
Tensile Elongation at Break	580	%

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

