

# Addisil™ 6100

Silicone

Momentive Performance Materials Inc.

## Message:

Addisil 6100 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 6100 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

Fast cure at elevated temperature (in a range of 140 °C to 230 °C)

Primerless adhesion to many types of substrates (e.g. glass, enamel, aluminium, ceramic)

No formation of cure by-products

Non-corrosive to metals

Good 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	1.12	g/cm <sup>3</sup>
Curing Time		
200°C	8.3E-3	hr
175°C	< 0.033	hr
150°C	< 0.083	hr
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore A)	42	
Tensile Strength	9.50	MPa
Tensile Elongation at Break	> 300	%
Tear Strength	25.0	kN/m

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