

Addisil™ 6210

Silicone

Momentive Performance Materials Inc.

Message:

Addisil 6210 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 6210 is an off white one component thixotropic material.

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 200°C

General Information		
Features	Bondability	
	Fast Cure	
	Good Adhesion	
	Heat Cure	
	Non-Corrosive	
	Thixotropic	
Uses	Adhesives	
	Sealants	
Appearance	Off-White	
Thermoset	Nominal Value	Unit
Shelf Life (< 27°C)	> 17	wk
Uncured Properties	Nominal Value	Unit
Density	1.21	g/cm ³
Viscosity	160 to 360	Pa · s
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)	50	
Tensile Strength	5.60	MPa
Tensile Elongation at Break	380	%
Tear Strength	18.0	kN/m

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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

