

Sika Industry SikaFlex 255FC Fast Cure One Part Polyurethane Adhesive

Category : Polymer , Adhesive , Thermoset , Polyurethane, TS , Thermoset Polyurethane, Adhesive

Material Notes:

Sika 255FC SikaFlex Fast Cure One Part Polyurethane Adhesive This is a fast curing flexible high performance polyurethane adhesive for bonding glass to metal surfaces. Initial strength is derived from its high viscosity. It offers extremely high initial bond strength. It has excellent anti-sag properties, grabs and holds glass, metal and wood in place while the material cures with ambient moisture. It offers high mechanical performance and has excellent resistance to weathering and aging. 4 mm Cut-off, excellent non-sag, available only in black.

Cure Type: Moisture

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sika-Industry-SikaFlex-255FC-Fast-Cure-One-Part-Polyurethane-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0424 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50 - 60	50 - 60	
Tensile Strength, Ultimate	5.52 - 6.21 MPa	800 - 900 psi	
Elongation at Break	550 - 650 %	550 - 650 %	
Adhesive Bond Strength	3.79 - 4.17 MPa	550 - 605 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	93.3 Â°C	200 Â°F	
Minimum Service Temperature, Air	-40.0 Â°C	-40.0 Â°F	

Processing Properties	Metric	English	Comments
Cure Time	30.0 - 45.0 min	0.500 - 0.750 hour	Tack-free
	1440 min	24.0 hour	Value given per 3/16 inches
Shelf Life	9.00 Month	9.00 Month	

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