

3M Fastbond™ 2000-NF Contact Adhesive with Spray Activator #1

Category : Polymer , Adhesive

Material Notes:

3M Fastbond™ Contact Adhesive 2000-NF with Spray Activator #1 is a water-dispersed, high solid, activated adhesive which provides immediate bonding capabilities and handling strength without forced drying equipment for most applications. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Fastbond-2000-NF-Contact-Adhesive-with-Spray-Activator-1.php

Physical Properties	Metric	English	Comments
Solids Content	15 - 19 %	15 - 19 %	Spray Activator # 1
	47 - 51 %	47 - 51 %	2000-NF
Viscosity	250 - 750 cP	250 - 750 cP	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	0.172 MPa @Temperature 82.0 °C	24.9 psi @Temperature 180 °F	Flatwise, aged 3 weeks at 24°C/50% RH, separation rate of 0.05 in/min; ASTM C297
	0.172 MPa @Temperature 93.0 °C	24.9 psi @Temperature 199 °F	Flatwise, aged 3 weeks at 24°C/50% RH, separation rate of 0.05 in/min; ASTM C297
	0.172 MPa @Temperature 107 °C	24.9 psi @Temperature 225 °F	Flatwise, aged 3 weeks at 24°C/50% RH, separation rate of 0.05 in/min; ASTM C297
	0.579 MPa @Temperature 24.0 °C	84.0 psi @Temperature 75.2 °F	Flatwise, aged 3 weeks at 24°C/50% RH, separation rate of 0.05 in/min; ASTM C297
Shear Strength	0.207 MPa @Temperature 107 °C	30.0 psi @Temperature 225 °F	Overlap, 1/8 birch to 1/8 birch, bond tested after aging 3 weeks @ 24°C and 50% RH at a separation rate of 0.2 in/min; ASTM D1002
	0.276 MPa @Temperature 93.0 °C	40.0 psi @Temperature 199 °F	Overlap, 1/8 birch to 1/8 birch, bond tested after aging 3 weeks @ 24°C and 50% RH at a separation rate of 0.2 in/min; ASTM D1002
	0.345 MPa @Temperature 82.0 °C	50.0 psi @Temperature 180 °F	Overlap, 1/8 birch to 1/8 birch, bond tested after aging 3 weeks @ 24°C and 50% RH at a separation rate of 0.2 in/min; ASTM D1002
	2.41 MPa @Temperature 24.0 °C	350 psi @Temperature 75.2 °F	Overlap, 1/8 birch to 1/8 birch, bond tested after aging 3 weeks @ 24°C and 50% RH at a separation rate of 0.2 in/min; ASTM D1002
	6.89 MPa	1000 psi	Overlap, 1/8 birch to 1/8 birch, bond tested after aging 3 weeks @ 24°C

Mechanical Properties	Metric @ Temperature -37.0 °C	English @ Temperature -34.6 °F	Comments and 50% RH at a separation rate of 0.2 mm/min, ASTM D1002
	0.379 MPa @Time Error in fixSigDigits: @digits must be between 1 a sec	55.0 psi @Time Error in fixSigDigits: @digits must be between 1 a hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 25°C at 50% RH Aged; ASTM D1002
	0.379 MPa @Time Error in fixSigDigits: @digits must be between 1 a sec	55.0 psi @Time Error in fixSigDigits: @digits must be between 1 a hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 32°C at 90% RH Aged; ASTM D1002
	0.517 MPa @Time 900 sec	75.0 psi @Time 0.250 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 25°C at 50% RH Aged; ASTM D1002
	0.517 MPa @Time 900 sec	75.0 psi @Time 0.250 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 32°C at 90% RH Aged; ASTM D1002
	0.896 MPa @Time 1800 sec	130 psi @Time 0.500 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 25°C at 50% RH Aged; ASTM D1002
	1.10 MPa @Time 1800 sec	160 psi @Time 0.500 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 32°C at 90% RH Aged; ASTM D1002
	1.10 MPa @Time 3600 sec	160 psi @Time 1.00 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 25°C at 50% RH Aged; ASTM D1002
	1.14 MPa @Time 5400 sec	165 psi @Time 1.50 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 25°C at 50% RH Aged; ASTM D1002
	1.17 MPa @Time 7200 sec	170 psi @Time 2.00 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 25°C at 50% RH Aged; ASTM D1002
	1.24 MPa @Time 3600 sec	180 psi @Time 1.00 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 32°C at 90% RH Aged; ASTM D1002
	1.31 MPa @Time 5400 sec	190 psi @Time 1.50 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 32°C at 90% RH Aged; ASTM D1002
	1.31 MPa @Time 7200 sec	190 psi @Time 2.00 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 32°C at 90% RH Aged; ASTM D1002
	1.48 MPa @Time 14400 sec	215 psi @Time 4.00 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 32°C at 90% RH Aged; ASTM D1002
	1.59 MPa	230 psi	Overlap of Build-Up, 1/8 birch to 1/8

Mechanical Properties	Metric @Time 14400 sec	English @Time 4.00 hour	Comments birch, 25°C at 50% RH Aged; ASTM D1002
	1.76 MPa @Time 28800 sec	255 psi @Time 8.00 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 32°C at 90% RH Aged; ASTM D1002
	1.79 MPa @Time 28800 sec	260 psi @Time 8.00 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 25°C at 50% RH Aged; ASTM D1002
	2.00 MPa @Time 86400 sec	290 psi @Time 24.0 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 25°C at 50% RH Aged; ASTM D1002
	2.17 MPa @Time 86400 sec	315 psi @Time 24.0 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 32°C at 90% RH Aged; ASTM D1002
	2.21 MPa @Time 259000 sec	320 psi @Time 72.0 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 25°C at 50% RH Aged; ASTM D1002
	2.34 MPa @Time 259000 sec	340 psi @Time 72.0 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 32°C at 90% RH Aged; ASTM D1002
	2.41 MPa @Time 605000 sec	350 psi @Time 168 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 25°C at 50% RH Aged; ASTM D1002
	2.41 MPa @Time 605000 sec	350 psi @Time 168 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 32°C at 90% RH Aged; ASTM D1002
	2.41 MPa @Time 1.21e+6 sec	350 psi @Time 336 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 25°C at 50% RH Aged; ASTM D1002
	2.41 MPa @Time 1.21e+6 sec	350 psi @Time 336 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 32°C at 90% RH Aged; ASTM D1002
	2.41 MPa @Time 1.81e+6 sec	350 psi @Time 504 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 25°C at 50% RH Aged; ASTM D1002
	2.41 MPa @Time 1.81e+6 sec	350 psi @Time 504 hour	Overlap of Build-Up, 1/8 birch to 1/8 birch, 32°C at 90% RH Aged; ASTM D1002

Descriptive Properties	Value	Comments
Appearance	Blue, Light Orange or Neutral	2000-NF
	Clear	Spray Activator #1
Base	Inorganic Salt	Spray Activator #1
	Polychloroprene	2000-NF

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China