



Certificate

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Purchase Order: 1038284
Date of PO: 06 October 2022
Sales Order: 415745289
Delivery Note or Debit memo: 12093086
Delivery Note Position: 000320
Customer No.: 435687

Material: LOCTITE EA 9658 100NWG AERO
36IN X 150FT 450SF
Material Number: 870989
Legacy Code : AT9361509
Bulk Material : 892091
Batch No: JH2M005943
Batch ID: JH2MBK5943-JH2MBM5943
Quantity: 1,350.000 FT2
Manufacture Date: 08 January 2023
Specification: A50TF272 CLASS D
FTIR SCAN ATTACHED

Revision: S13

Batch Tested	Test Properties	Specification	Individual	Avg	UOM
JH2MAA5943	Tensile Shear@77F Bare/PAA/9258	≥ 2600	5400,5370,5360,5310,5140,	5316	lb/in2
JH2MAA5943	Tensile Shear@350F Bare/PAA/9258	≥ 2600	3880,3860,3820,3720,3700,	3796	lb/in2
JH2MAA5943	Areal Weight	0.095 -0.105	0.099,0.099,0.097,	0.098	lb/ft2
JH2MAA5943	HC Flatwise Tensile Strg.@77F	≥ 900	1760,1670,1580,1530,	1635	lb/in2
JH2MAA5943	HC Flatwise Tensile Strg.@350F	≥ 450	1080,1050,1030,1020,	1045	lb/in2
JH2MAA5943	HPLC Scan	-	-	OK	
JH2MAA5943	FTIR Scan Matches History	-	-	OK	
JH2MAK5943	Tensile Shear@77F Bare/PAA/9258	≥ 2600	5510,5450,5390,5240,5200,	5358	lb/in2
JH2MAK5943	Tensile Shear@350F Bare/PAA/9258	≥ 2600	3170,3140,3090,2980,2740,	3024	lb/in2
JH2MAK5943	Areal Weight	0.095 -0.105	0.098,0.097,0.097,	0.097	lb/ft2
JH2MAK5943	HC Flatwise Tensile Strg.@77F	≥ 900	1730,1730,1720,1570,	1688	lb/in2
JH2MAK5943	HC Flatwise Tensile Strg.@350F	≥ 450	1140,1060,1010,950,	1040	lb/in2
JH2MBE5943	Tensile Shear@77F Bare/PAA/9258	≥ 2600	5420,5420,5410,5190,5040,	5296	lb/in2
JH2MBE5943	Tensile Shear@350F Bare/PAA/9258	≥ 2600	3460,3440,3410,3350,3260,	3384	lb/in2
JH2MBE5943	Areal Weight	0.095 -0.105	0.104,0.103,0.103,	0.103	lb/ft2
JH2MBE5943	HC Flatwise Tensile Strg.@77F	≥ 900	1680,1590,1560,1550,	1595	lb/in2
JH2MBE5943	HC Flatwise Tensile Strg.@350F	≥ 450	930,920,820,790,	865	lb/in2
JH2MCI5943	Tensile Shear@77F Bare/PAA/9258	≥ 2600	4770,4560,4510,4330,3790,	4392	lb/in2

Date of shipment : 02/16/2023

Henkel US Operations Corporation
Aerospace Group
2850 Willow Pass Road
Bay Point, CA 94565-3237 USA
Country Of Origin: USA

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Batch Tested	Test Properties	Specification	Individual	Avg	UOM
JH2MCI5943	Tensile Shear@350F Bare/PAA/9258	≥ 2600	3700,3630,3630,3610,3550,	3624	lb/in2
JH2MCI5943	Areal Weight	0.095 -0.105	0.102,0.102,0.100,	0.101	lb/ft2
JH2MCI5943	HC Flatwise Tensile Strg.@77F	≥ 900	1820,1750,1640,1610,	1705	lb/in2
JH2MCI5943	HC Flatwise Tensile Strg.@350F	≥ 450	1060,940,920,900,	955	lb/in2
JH2MCT5943	Tensile Shear@77F Bare/PAA/9258	≥ 2600	5350,5290,5110,5090,4570,	5082	lb/in2
JH2MCT5943	Tensile Shear@350F Bare/PAA/9258	≥ 2600	3620,3620,3590,3530,3430,	3558	lb/in2
JH2MCT5943	Areal Weight	0.095 -0.105	0.101,0.100,0.099,	0.100	lb/ft2
JH2MCT5943	HC Flatwise Tensile Strg.@77F	≥ 900	1790,1750,1720,1530,	1698	lb/in2
JH2MCT5943	HC Flatwise Tensile Strg.@350F	≥ 450	1110,950,940,930,	983	lb/in2
JH2MDB5943	Tensile Shear@77F Bare/PAA/9258	≥ 2600	5740,5190,4950,4860,4800,	5108	lb/in2
JH2MDB5943	Tensile Shear@350F Bare/PAA/9258	≥ 2600	3750,3690,3590,3560,3500,	3618	lb/in2
JH2MDB5943	Areal Weight	0.095 -0.105	0.105,0.105,0.104,	0.105	lb/ft2
JH2MDB5943	HC Flatwise Tensile Strg.@77F	≥ 900	1800,1740,1670,1580,	1698	lb/in2
JH2MDB5943	HC Flatwise Tensile Strg.@350F	≥ 450	1110,1090,1080,860,	1035	lb/in2
JH2MDL5943	Tensile Shear@77F Bare/PAA/9258	≥ 2600	5370,5360,5190,5190,5150,	5252	lb/in2
JH2MDL5943	Tensile Shear@350F Bare/PAA/9258	≥ 2600	3220,3180,3170,3060,2960,	3118	lb/in2
JH2MDL5943	Areal Weight	0.095 -0.105	0.103,0.102,0.102,	0.102	lb/ft2
JH2MDL5943	HC Flatwise Tensile Strg.@77F	≥ 900	1920,1720,1710,1680,	1758	lb/in2
JH2MDL5943	HC Flatwise Tensile Strg.@350F	≥ 450	1010,1000,980,970,	990	lb/in2
JH2MDW5943	Tensile Shear@77F Bare/PAA/9258	≥ 2600	5620,5560,5420,5150,4990,	5348	lb/in2
JH2MDW5943	Tensile Shear@350F Bare/PAA/9258	≥ 2600	3250,3240,3210,3210,3190,	3220	lb/in2
JH2MDW5943	Areal Weight	0.095 -0.105	0.103,0.102,0.102,	0.102	lb/ft2
JH2MDW5943	HC Flatwise Tensile Strg.@77F	≥ 900	1850,1790,1700,1690,	1758	lb/in2
JH2MDW5943	HC Flatwise Tensile Strg.@350F	≥ 450	1120,1110,1090,1040,	1090	lb/in2
JH2MEF5943	Tensile Shear@77F Bare/PAA/9258	≥ 2600	5480,5300,5280,5250,5200,	5302	lb/in2
JH2MEF5943	Tensile Shear@350F Bare/PAA/9258	≥ 2600	3190,3120,3060,3060,3040,	3094	lb/in2
JH2MEF5943	Areal Weight	0.095 -0.105	0.100,0.099,0.099,	0.099	lb/ft2
JH2MEF5943	HC Flatwise Tensile Strg.@77F	≥ 900	1830,1750,1750,1630,	1740	lb/in2
JH2MEF5943	HC Flatwise Tensile Strg.@350F	≥ 450	1090,1040,1000,990,	1030	lb/in2
JH2MEV5943	Tensile Shear@77F Bare/PAA/9258	≥ 2600	5450,5440,5310,5200,5040,	5288	lb/in2
JH2MEV5943	Tensile Shear@350F Bare/PAA/9258	≥ 2600	3570,3570,3510,3480,3400,	3506	lb/in2
JH2MEV5943	Areal Weight	0.095 -0.105	0.102,0.101,0.100,	0.101	lb/ft2
JH2MEV5943	HC Flatwise Tensile Strg.@77F	≥ 900	1820,1810,1800,1790,	1805	lb/in2
JH2MEV5943	HC Flatwise Tensile Strg.@350F	≥ 450	1040,1040,1030,940,	1013	lb/in2

Comment :

Date of shipment : 02/16/2023

Henkel US Operations Corporation
Aerospace Group
2850 Willow Pass Road
Bay Point, CA 94665-3237 USA

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The delivered product conforms to all applicable requirements, specifications and standards as of the date and place of shipment from Henkel. If altered in any manner this, test report is not valid. Test reports are available for inspection at manufacturing location shown on this certificate. Henkel warrants this product for 9 months from the date of shipment from Henkel or an authorized distributor when stored at temperature of $\leq 0^{\circ}\text{F}$ / $\leq -18^{\circ}\text{C}$. The above warranty is exclusively for the benefit of any recipient of the above identified product shipped directly from Henkel or from a distributor expressly authorized by Henkel to provide such warranty on behalf of Henkel. Refer to our Henkel Authorized Aerospace Distributor list at <https://www.Henkel-adhesives.com/aerospace/distributor-search-26829.htm> for verification that the material has been purchased from an approved source. The certificate is generated by an access-controlled Enterprise Resource Planning System and is valid without signature.

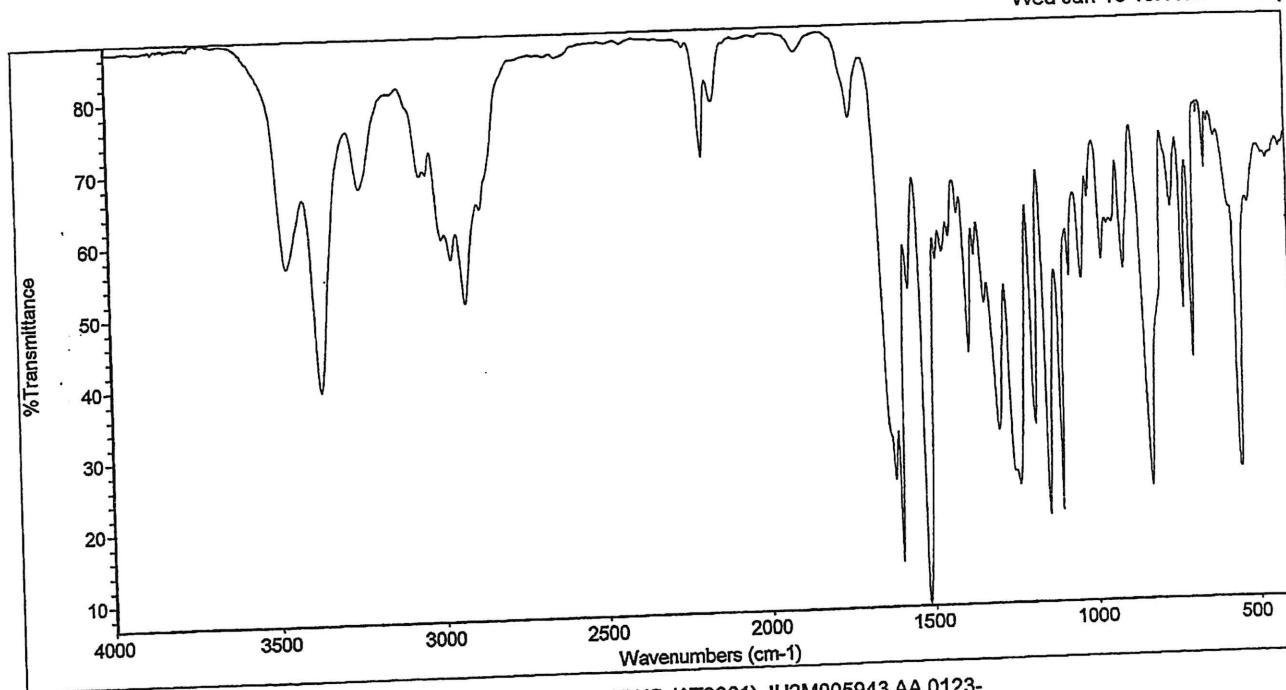
Date of shipment : 02/16/2023

Henkel US Operations Corporation
Aerospace Group
2050 Willow Pass Road
Bay Point, CA 94585-9237 USA

Country Of Origin: USA

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Wed Jan 18 13:16:32 2023 (



892091 9658 100 NWG (AT9361) JH2M005943 AA 0123-

Number of sample scans: 32
Number of background scans: 32
Resolution: 4.000
Sample gain: 1.0
Optical velocity: 0.4747
Aperture: 80.00

Collection time: Wed Jan 18 13:16:15 2023 (GMT-01
KBr cast film - filtered