## NATIONAL TECHNICAL SYSTEMS BALLISTIC RESISTANCE TEST

Date Received:09/17/15Via:UPSReturned Via:UPS

## Test Conditions

Temperature:	72	°F
Humidity:	59	%
Test Spec.:	UL 752	
Threat Level:	3	
Conditioning:	Ambient	

Record No.: KM15036 Test Date: 09/17/05 Customer: Kloeckner Metals

## Range 2

Muzzle to Screen 1	4.96 ft.				
Screen 1 - 2:	4.08 ft.				
Screen 2 - Target:	5.96 ft.				
Midpoint to Target:	8.00 ft.				
Target to Witness:	1.50 ft.				
Witness: 1/8	" corrugated cardboard				
Barrel Length:	14 in.				

Model         Heat         Sample         Shot         Shot         Degree         Caliber         Bullet         TIME         VELOCITY         Penetration           Number         Number         Size (in.)         No.         Location         Obliquity         Weight/Type         sx-5         fps         No Penetration           572-50         N08079         1/4x12x12         1         TC         0         .44 Mag         240 LSWC         407.0         1403         No Penetration	Sample Description		Test/Ammunition Description				Chronograph		Results		
572-50         N08079         1/4x12x12         1         TC         0         .44 Mag         240 LSWC         407.0         1403         No Penetration           572-50         N08079         1/4x12x12         2         BR         0         .44 Mag         240 LSWC         406.7         1403         No Penetration           572-50         N08079         1/4x12x12         3         BL         0         .44 Mag         240 LSWC         406.7         1403         No Penetration           572-50         N08079         1/4x12x12         3         BL         0         .44 Mag         240 LSWC         407.4         1401         No Penetration           572-50         N08079         1/4x12x12         3         BL         0         .44 Mag         240 LSWC         407.4         1401         No Penetration           file         No8079         1/4x12x12         3         BL         0         .44 Mag         240 LSWC         407.4         1401         No Penetration           file         No8079         1/4x12x12         3         BL         0         .44 Mag         240 LSWC         407.4         1401         No Penetration           file         No         No         No <th>Model</th> <th>Heat</th> <th>Sample</th> <th>Shot</th> <th>Shot</th> <th>Degree</th> <th>Caliber</th> <th>Bullet</th> <th></th> <th></th> <th>Penetration</th>	Model	Heat	Sample	Shot	Shot	Degree	Caliber	Bullet			Penetration
572-50         N08079         1/4x12x12         2         BR         0         .44 Mag         240 LSWC         406.7         1404         No Penetration           572-50         N08079         1/4x12x12         3         BL         0         .44 Mag         240 LSWC         407.4         1401         No Penetration           This test was performed in accordance with the specification requirements and the results properly reflect the ballistic performance of the listed sample.         National Technical Systems, Inc.         Phone         316-832-160 <b>REMARKS/NOTES:</b> P.O.: A215900L         7447 W. 33rd St. N.         Fax         316-832-160 <b>Test Round/Shot Locations/Spacing (17.2.1):</b> .44 Magnum 240 gr. Lead Semi-Wad Cutter (LSWC)         Test Round/Shot Location frame and clamps.         Shot Location: Center of Panet: TC-Top Center, BR-Bottom Right, BL-Bottom Left         Shot Spacing: 4.0 +/-0.50° (102 +/-12.7 mm) Triangle           Sample Tested:         Manufacturer:         Kloeckner Metals         Mod79         Size (in,): 0.247           Weight (lbs.):         9.99         .99         .24         .24         .24         .24	Number	Number	Size (in.)	No.	Location	Obliquity		Weight/Type	sx-5	fps	No Penetration
572-50       N08079       1/4x12x12       3       BL       0       .44 Mag       240 LSWC       407.4       1401       No Penetration         This test was performed in accordance with the specification requirements and the results properly reflect the ballistic performance of the listed sample.       National Technical Systems, Inc.       Phone 316-832-160         Telefect the ballistic performance of the listed sample.       Wichita, KS 67205       U.S.A.       Fax       316-832-160         REMARKSNOTES:       P.O.: A215900L       Test Round/Shot Locations/Spacing (17.2.1):       .44 Mag       Vichita, KS 67205       U.S.A.         Test Round/Shot Locations/Spacing (17.2.1):       .44 Mag       .44 Mag       .44 Mag       .44 Mag         Shot Location:       Center of Panel: TC-Top Center, BR-Bottom Right, BL-Bottom Left       Shot Spacing: 4.0 +/- 0.50° (102 +/- 12.7mm) Triangle          Sample Tested:       Manufacturer:       Kloeckner Metals         Model No: 572-50         Heat No:       N08079       Size (in.)       12.12         Thickness (in.)          Sample Description:       9.99	572-50	N08079	1/4x12x12	1	тс	0	.44 Mag	240 LSWC		1403	No Penetration
This test was performed in accordance with the specification requirements and the results property       National Technical Systems, Inc.       Phone 316-832-160         specification requirements and the results property       7447 W. 33rd St. N.       Fax 316-832-160         reflect the ballistic performance of the listed sample.       Wichita, KS 67205 U.S.A.       Fax 316-832-160         REMARKS/NOTES:       P.O.: A215900L       P.O.: A215900L       Fax 16-832-160         Test Round/Shot Locations/Spacing (17.2.1):       44 Magnum 240 gr. Lead Semi-Wad Cutter (LSWC)       Test Velocity: 1350 - 1485 fps         Mounting:       Sample secured using frame and clamps.       Shot Location: Center of Panel: TC-Top Center, BR-Bottom Right, BL-Bottom Left         Shot Spacing:       4.0 +/- 0.50" (102 +/- 12.7 mm) Triangle       Manufacturer:       Kloeckner Metals         Model No::       572-50       Heat No:       N08079       Size (in.)       12 x 12         Thickness (in.):       0.247       Weight (lbs.):       9.39       Sample Description:       Sample Description:	572-50		1/4x12x12	2			.44 Mag			1404	No Penetration
specification requirements and the results properly reflect the ballistic performance of the listed sample.       7447 W. 33rd St. N.       Fax 316-832-160         REMARKS/NOTES:       Wichita, KS 67205 U.S.A.       Fax 316-832-160         P.O.: AZ15900L       Test Round/Shot Locations/Spacing (17.2.1): .44 Magnum 240 gr. Lead Semi-Wad Cutter (LSWC) Test Velocity: 1350 - 1485 fps Mounting: Sample secured using frame and clamps. Shot Location Center of Panel: TC-Top Center, BR-Bottom Right, BL-Bottom Left Shot Spacing: 4.0 +/- 0.50" (102 +/- 12.7mm) Triangle       Sample Tested: Manufacturer: Kloeckner Metals Model No.: 572-50 Heat No.: N08079 Size (in.) 12 x 12 Thickness (in.): 0.247 Weight (lbs.): 9.99         Sample Description:       Sample Description:	572-50	N08079	1/4x12x12	3	BL	0	.44 Mag	240 LSWC	407.4	1401	No Penetration
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