

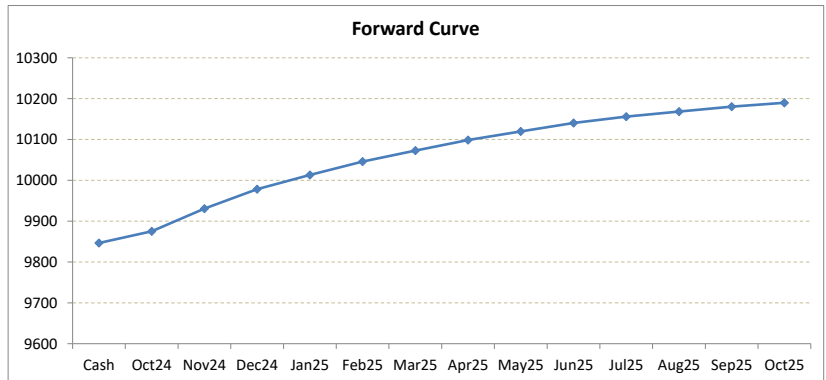
# LME Valuation - Copper

Cash - 3M: 135.97c

Date: 2024-09-27

**Cash 9846.53**  
**3M 9982.50**  
 Oct24 9875.03  
 Nov24 9930.78  
 Dec24 9978.33  
 Jan25 10013.24  
 Feb25 10045.74  
 Mar25 10072.74  
 Apr25 10098.74  
 May25 10119.74  
 Jun25 10140.33  
 Jul25 10155.83  
 Aug25 10168.33  
 Sep25 10180.58  
 Oct25 10189.83

	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25
Cash	28.50c	84.25c	131.80c	166.71c	199.21c	226.21c	252.21c	273.21c	293.80c	309.30c	321.80c	334.05c
	Oct24-3M	Nov24-3M	Dec24-3M	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25
3M	107.47c	51.72c	4.17c	30.74c	63.24c	90.24c	116.24c	137.24c	157.83c	173.33c	185.83c	198.08c
	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25
3rd wed	55.75c	47.55c	34.91c	32.50c	27.00c	26.00c	21.00c	20.59c	15.50c	12.50c	12.25c	9.25c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
Oct24	55.75c	103.30c	138.21c	170.71c	197.71c	223.71c	244.71c	265.30c	280.80c	293.30c	305.55c	314.80c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
	47.55c	82.46c	114.96c	141.96c	167.96c	188.96c	209.55c	225.05c	237.55c	249.80c	259.05c	
		Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
		34.91c	67.41c	94.41c	120.41c	141.41c	162.00c	177.50c	190.00c	202.25c	211.50c	
			Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
			32.50c	59.50c	85.50c	106.50c	127.09c	142.59c	155.09c	167.34c	176.59c	
				Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
				27.00c	53.00c	74.00c	94.59c	110.09c	122.59c	134.84c	144.09c	
					Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
					26.00c	47.00c	67.59c	83.09c	95.59c	107.84c	117.09c	
						Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
						21.00c	41.59c	57.09c	69.59c	81.84c	91.09c	
							May25	Jun25	Jul25	Aug25	Sep25	Oct25
							20.59c	36.09c	48.59c	60.84c	70.09c	
								Jun25	Jul25	Aug25	Sep25	Oct25
								15.50c	28.00c	40.25c	49.50c	
									Jul25	Aug25	Sep25	Oct25
									12.50c	24.75c	34.00c	
										Aug25	Sep25	Oct25
										12.25c	21.50c	
											Sep25	Oct25
											9.25c	



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 \*\* Source: Reuters

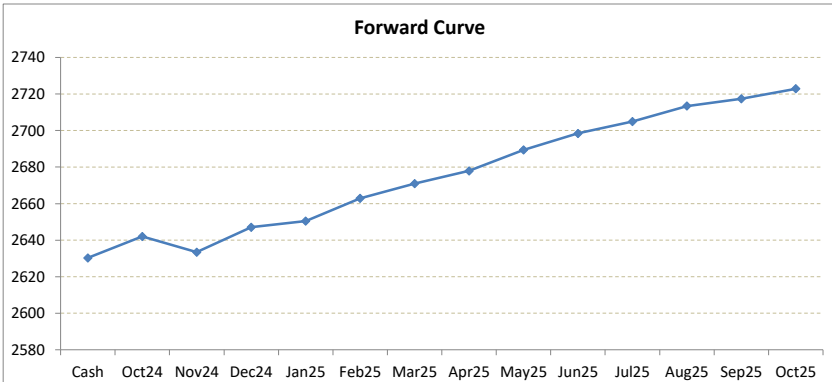


# LME Valuation - Aluminium

Cash - 3M: **16.27c**

Date: **2024-09-27**

Cash	2630.23	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25
<b>3M</b>	<b>2646.50</b>	Cash											
Oct24	<b>2641.96</b>	11.73c	3.17c	16.82c	20.17c	32.67c	40.67c	47.67c	59.17c	68.17c	74.67c	83.17c	87.17c
Nov24	<b>2633.40</b>	3M											
Dec24	<b>2647.05</b>	4.54c	13.10c	0.55b	3.90c	16.40c	24.40c	31.40c	42.90c	51.90c	58.40c	66.90c	70.90c
Jan25	<b>2650.40</b>	3rd wed											
Feb25	<b>2662.90</b>	8.56b	13.65c	3.35c	12.50c	8.00c	7.00c	11.50c	9.00c	6.50c	8.50c	4.00c	5.50c
Mar25	<b>2670.90</b>	Oct24											
Apr25	<b>2677.90</b>	8.56b	5.09c	8.44c	20.94c	28.94c	35.94c	47.44c	56.44c	62.94c	71.44c	75.44c	80.94c
May25	<b>2689.40</b>	Nov24	13.65c	17.00c	29.50c	37.50c	44.50c	56.00c	65.00c	71.50c	80.00c	84.00c	89.50c
Jun25	<b>2698.40</b>	Dec24	3.35c	15.85c	23.85c	30.85c	42.35c	51.35c	57.85c	66.35c	70.35c	75.85c	
Jul25	<b>2704.90</b>	Jan25	12.50c	20.50c	27.50c	39.00c	48.00c	54.50c	63.00c	67.00c	72.50c		
Aug25	<b>2713.40</b>	Feb25	8.00c	15.00c	26.50c	35.50c	42.00c	50.50c	54.50c	60.00c	60.00c		
Sep25	<b>2717.40</b>	Mar25	7.00c	18.50c	27.50c	34.00c	42.50c	46.50c	52.00c	52.00c			
Oct25	<b>2722.90</b>	Apr25	11.50c	20.50c	27.00c	35.50c	39.50c	45.00c	45.00c				
		May25	9.00c	15.50c	24.00c	28.00c	33.50c	33.50c					
		Jun25	6.50c	15.00c	19.00c	24.50c	24.50c						
		Jul25	8.50c	12.50c	18.00c	18.00c							
		Aug25	4.00c	9.50c	9.50c								
		Sep25	5.50c	5.50c									
		Oct25											



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 \*\* Source: Reuters



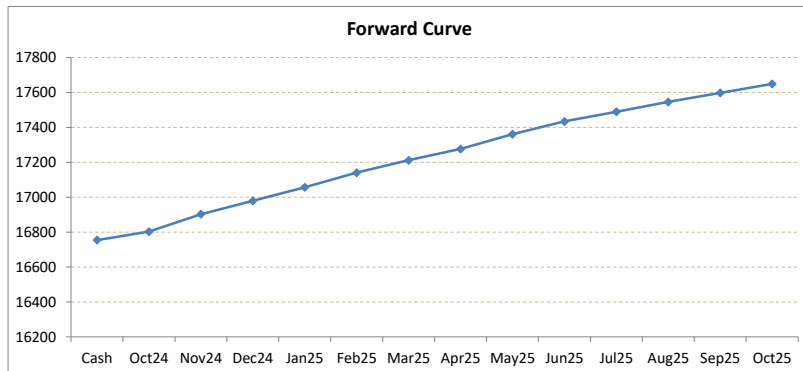
# LME Valuation - Nickel

Cash - 3M: **240.90c**

Date: **2024-09-27**

**Cash 16755.10**  
**3M 16996.00**  
 Oct24 **16803.10**  
 Nov24 **16903.14**  
 Dec24 **16979.94**  
 Jan25 **17056.82**  
 Feb25 **17140.82**  
 Mar25 **17211.82**  
 Apr25 **17275.94**  
 May25 **17360.94**  
 Jun25 **17433.94**  
 Jul25 **17489.94**  
 Aug25 **17545.94**  
 Sep25 **17597.94**  
 Oct25 **17648.94**

	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25
Cash	48.00c	148.04c	224.84c	301.72c	385.72c	456.72c	520.84c	605.84c	678.84c	734.84c	790.84c	842.84c
	Oct24-3M	Nov24-3M	Dec24-3M	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25
3M	192.90c	92.86c	16.06c	60.82c	144.82c	215.82c	279.94c	364.94c	437.94c	493.94c	549.94c	601.94c
	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25
3rd wed	100.04c	76.80c	76.88c	84.00c	71.00c	64.12c	85.00c	73.00c	56.00c	56.00c	52.00c	51.00c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
Oct24	100.04c	176.84c	253.72c	337.72c	408.72c	472.84c	557.84c	630.84c	686.84c	742.84c	794.84c	845.84c
Nov24		76.80c	153.68c	237.68c	308.68c	372.80c	457.80c	530.80c	586.80c	642.80c	694.80c	745.80c
Dec24			76.88c	160.88c	231.88c	296.00c	381.00c	454.00c	510.00c	566.00c	618.00c	669.00c
Jan25				84.00c	155.00c	219.12c	304.12c	377.12c	433.12c	489.12c	541.12c	592.12c
Feb25					71.00c	135.12c	220.12c	293.12c	349.12c	405.12c	457.12c	508.12c
Mar25						64.12c	149.12c	222.12c	278.12c	334.12c	386.12c	437.12c
Apr25							85.00c	158.00c	214.00c	270.00c	322.00c	373.00c
May25								73.00c	129.00c	185.00c	237.00c	288.00c
Jun25									56.00c	112.00c	164.00c	215.00c
Jul25										56.00c	108.00c	159.00c
Aug25											52.00c	103.00c
Sep25												51.00c
Oct25												



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\*\* Source: Reuters

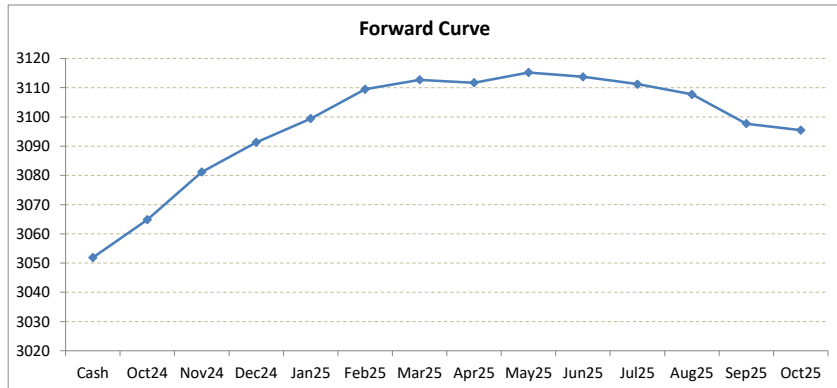
# LME Valuation - Zinc

Cash - 3M: **37.59c**

Date: **2024-09-27**

**Cash 3051.91**  
**3M 3089.50**  
 Oct24 **3064.84**  
 Nov24 **3081.17**  
 Dec24 **3091.34**  
 Jan25 **3099.46**  
 Feb25 **3109.45**  
 Mar25 **3112.70**  
 Apr25 **3111.70**  
 May25 **3115.20**  
 Jun25 **3113.70**  
 Jul25 **3111.20**  
 Aug25 **3107.70**  
 Sep25 **3097.70**  
 Oct25 **3095.45**

	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25
Cash	12.93c	29.26c	39.43c	47.55c	57.54c	60.79c	59.79c	63.29c	61.79c	59.29c	55.79c	45.79c
	Oct24-3M	Nov24-3M	Dec24-3M	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25
3M	24.66c	8.33c	1.84b	9.96c	19.95c	23.20c	22.20c	25.70c	24.20c	21.70c	18.20c	8.20c
	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25
3rd wed	16.33c	10.17c	8.12c	9.99c	3.25c	1.00b	3.50c	1.50b	2.50b	3.50b	10.00b	2.25b
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
Oct24	16.33c	26.50c	34.62c	44.61c	47.86c	46.86c	50.36c	48.86c	46.36c	42.86c	32.86c	30.61c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
Nov24	10.17c	18.29c	28.28c	31.53c	30.53c	34.03c	32.53c	30.03c	26.53c	16.53c	14.28c	
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
Dec24	8.12c	18.11c	21.36c	20.36c	23.86c	22.36c	19.86c	16.36c	6.36c	4.11c		
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25		
Jan25	9.99c	13.24c	12.24c	15.74c	14.24c	11.74c	8.24c	1.76b	4.01b			
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25		
Feb25	3.25c	2.25c	5.75c	4.25c	1.75c	1.75b	11.75b	14.00b	17.25b			
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25		
Mar25	1.00b	2.50c	1.00c	1.50b	5.00b	15.00b	17.25b					
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25		
Apr25	3.50c	2.00c	0.50b	4.00b	14.00b	16.25b						
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25		
May25	1.50b	4.00b	7.50b	17.50b	19.75b							
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25		
Jun25	2.50b	6.00b	16.00b	18.25b								
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25		
Jul25	3.50b	13.50b	15.75b									
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25		
Aug25	10.00b	12.25b										
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25		
Sep25	2.25b											
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25		
Oct25												



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 \*\* Source: Reuters

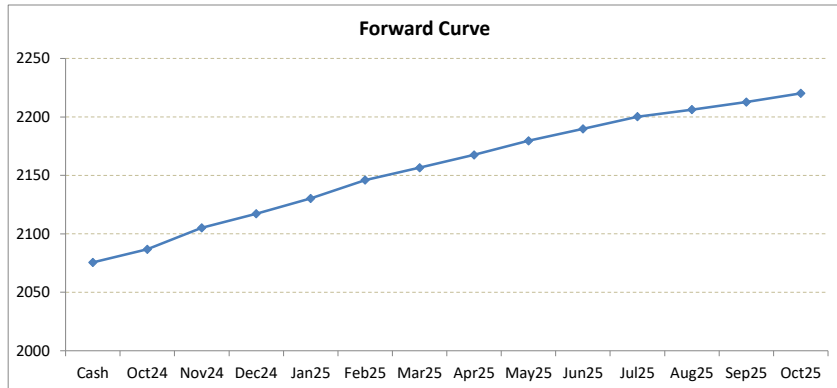
# LME Valuation - Lead

Cash - 3M: **44.00c**

Date: **2024-09-27**

**Cash 2075.50**  
**3M 2119.50**  
 Oct24 **2086.75**  
 Nov24 **2105.06**  
 Dec24 **2117.23**  
 Jan25 **2130.25**  
 Feb25 **2146.00**  
 Mar25 **2156.50**  
 Apr25 **2167.50**  
 May25 **2179.50**  
 Jun25 **2189.73**  
 Jul25 **2200.23**  
 Aug25 **2206.23**  
 Sep25 **2212.73**  
 Oct25 **2220.23**

	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25
Cash	11.25c	29.56c	41.73c	54.75c	70.50c	81.00c	92.00c	104.00c	114.23c	124.73c	130.73c	137.23c
	Oct24-3M	Nov24-3M	Dec24-3M	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25
3M	32.75c	14.44c	2.27c	10.75c	26.50c	37.00c	48.00c	60.00c	70.23c	80.73c	86.73c	93.23c
	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25
3rd wed	18.31c	12.17c	13.02c	15.75c	10.50c	11.00c	12.00c	10.23c	10.50c	6.00c	6.50c	7.50c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
Oct24	18.31c	30.48c	43.50c	59.25c	69.75c	80.75c	92.75c	102.98c	113.48c	119.48c	125.98c	133.48c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
		12.17c	25.19c	40.94c	51.44c	62.44c	74.44c	84.67c	95.17c	101.17c	107.67c	115.17c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
			13.02c	28.77c	39.27c	50.27c	62.27c	72.50c	83.00c	89.00c	95.50c	103.00c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
				15.75c	26.25c	37.25c	49.25c	59.48c	69.98c	75.98c	82.48c	89.98c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
					10.50c	21.50c	33.50c	43.73c	54.23c	60.23c	66.73c	74.23c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
						11.00c	23.00c	33.23c	43.73c	49.73c	56.23c	63.73c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
							12.00c	22.23c	32.73c	38.73c	45.23c	52.73c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
								10.23c	20.73c	26.73c	33.23c	40.73c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
									10.50c	16.50c	23.00c	30.50c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
										6.00c	12.50c	20.00c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
											6.50c	14.00c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25
												7.50c



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 \*\* Source: Reuters



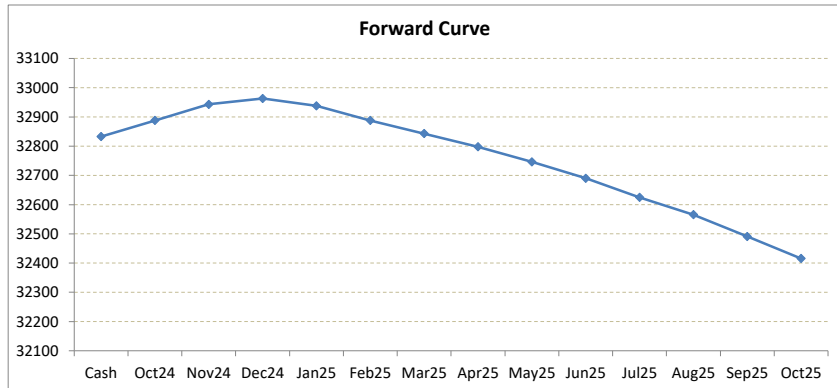
# LME Valuation - Tin

Cash - 3M: 80.00c

Date: 2024-09-27

**Cash 32833.00**  
**3M 32913.00**  
 Oct24 32888.00  
 Nov24 32943.00  
 Dec24 32963.00  
 Jan25 32938.00  
 Feb25 32888.00  
 Mar25 32843.00  
 Apr25 32798.00  
 May25 32746.00  
 Jun25 32690.00  
 Jul25 32625.00  
 Aug25 32566.00  
 Sep25 32491.00  
 Oct25 32416.00

	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25	
Cash	55.00c	110.00c	130.00c	105.00c	55.00c	10.00c	35.00b	87.00b	143.00b	208.00b	267.00b	342.00b	
	Oct24-3M	Nov24-3M	Dec24-3M	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25	
3M	25.00c	30.00b	50.00b	25.00c	25.00b	70.00b	115.00b	167.00b	223.00b	288.00b	347.00b	422.00b	
	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25	
3rd wed	55.00c	20.00c	25.00b	50.00b	45.00b	45.00b	52.00b	56.00b	65.00b	59.00b	75.00b	75.00b	
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	
Oct24	55.00c	75.00c	50.00c	0.00b	45.00b	90.00b	142.00b	198.00b	263.00b	322.00b	397.00b	472.00b	
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	
Nov24	20.00c	5.00b	55.00b	100.00b	145.00b	197.00b	253.00b	318.00b	377.00b	452.00b	527.00b		
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	
Dec24		25.00b	75.00b	120.00b	165.00b	217.00b	273.00b	338.00b	397.00b	472.00b	547.00b		
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	
Jan25			50.00b	95.00b	140.00b	192.00b	248.00b	313.00b	372.00b	447.00b	522.00b		
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	
Feb25				45.00b	90.00b	142.00b	198.00b	263.00b	322.00b	397.00b	472.00b		
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	
Mar25					45.00b	97.00b	153.00b	218.00b	277.00b	352.00b	427.00b		
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	
Apr25						52.00b	108.00b	173.00b	232.00b	307.00b	382.00b		
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	
May25							56.00b	121.00b	180.00b	255.00b	330.00b		
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	
Jun25								65.00b	124.00b	199.00b	274.00b		
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	
Jul25									59.00b	134.00b	209.00b		
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	
Aug25										75.00b	150.00b		
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	
Sep25												75.00b	
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	
Oct25													75.00b



\*본 자료는 LME에서 공시하는 Valuation을 토대로 작성된 것으로 실제 거래 시의 스프레드와는 무관합니다.  
 \*\* Source: Reuters

