ADITYA BIRLA
HINDALCO

MATERIAL TEST CERTIFICATE

TC NO: YAML/TC/36-2026 **Date : 21.07.2026**

ORDER/PROJECT: **WO NO : N6017314-10**
WO NO : N6016904-50

PO NO : **2026-27HILKGBL0178ESR-11Dt: 04-06-2026**
2026-27 HILK GBL0012 ESR-11Dt:06-4-2026

3.1 DIN EN 10204 FOR CHEMICAL COMPOSITION (%)

6082	Si	Fe Max	Cu Max	Mn	Mg	Cr Max	Zn Max	Ti Max	Other Each	Other Total	AL
Specification	0.70-1.30	0.50	0.10	0.40-1.00	0.60-1.20	0.25	0.20	0.10	0.05	0.15	Rem
Cast no: MB260429	0.980	0.166	0.013	0.530	0.680	0.022	0.002	0.018	0.000	0.000	97.589
Cast no: MB260127	0.950	0.180	0.010	0.520	0.700	0.020	0.000	0.016	0.000	0.000	97.604

 # Ref EN 573-3

2.2 DIN EN 10204 FOR MECHANICAL PROPERTIES

Profile Name	Customer Part number	ALLOY/TEMPER	FINISH	HARDNESS In HBW		UTS Rm(Mpa)	0.2 % Proof Stress(Mpa)	ELONGATON A 50mm(%)	QTY
				Spec	Actual	Min 290	Min 255	Min 7%	No's
6191	Stiles	6082/T6	M F	95 HBW	98 -100 HBW	336	306	13.40	419
3933	MES249A	6082/T6	M F			325	296	10.40	190

 # Ref EN 755-2

Dimensions : **Confirmed As Per the Approved Profile Drawing**
All test resluts are compliance with the specifications described herein.

Sravani

Prepared By:
Quality Inspector

Hindalco Industries Limited Kuppam Works

Approved By:
Senior Executive Quality