

GNR ANALYTICAL INSTRUMENTS UK - web: www.gnranalytical.co.uk - email: info@gnranalytical.com 0115 937 6686

AL 01	AL 10	AL 20	AL 30	AL 40	AL 50	AL 60	AL 70
Al Orientation	Al 99 Low Alloy	Al-Si	Al-Si-Cu	Al-Cu	Al-Mg	Al-Zn	Al-Mn
REF	REF	REF	REF	REF	REF	REF	REF
0.005-0.3				2 8			
0.0001-0.05	0.0001-0.05						
0.0001-0.05		0.001-0.2					
0.0005-0.6	0.0005-0.6	0.0005-0.6		0.0005-0.6			
0.0001-0.05		0.001-0.002					
0.0005-0.5	0.0005-0.05	0.0005-0.5		0.005-0.4			
0.001-0.6	0.001-0.1	0.005-0.2	0.005-0.5	0.004-0.12	0.005-0.3	0.001-0.6	0.001-0.1
0.001-15.0	0.001-0.2	0.001-0.3	0.01-5.0	1.0-12.0	0.001-0.2	0.005-0.5	0.001-0.2
0.001-2.5	0.001-1.0	0.05-1.0	0.05-1.3	0.04-1.2	0.01-0.8	0.002-1.0	0.001-1.0
0.001-0.15	0.0005-0.05	0.001-0.15		0.001-0.15			
0.0001-0.1	0.0001-0.1			0.00	0.0005-0.005		8
0.0001-15.0	0.001-1.0	0.02-2.0	0.02-1.8	0.01-2.5	1.0-10.6	0.01-3.0	0.001-1.0
0.001-2.7	0.001-0.9	0.01-0.8	0.02-0.8	0.02-1.0	0.01-1.3	0.005-0.6	0.001-2.7
0.0005-0.1	0.0005-0.1	0.0005-0.1		s7 s	0.0005-0.003		
0.001-3.0	0.005-0.08	0.005-1.0	0.01-2.0	0.01-2.5	0.005-0.1	0.005-0.2	0.005-0.1
0.005-0.01	0.005-0.01	0.005-0.01					
0.001-1.5	0.002-0.1	0.005-0.1	0.005-0.25	0.005.1.0		0.002-0.2	0.002-0.1
0.005-0.5	0.005-0.04	0.005-0.5	0.005-0.3				0.005-0.04
0.001-25.0	0.001-0.8	1.0-20.0	1.0-15.0	0.03-3.0	0.01-1.0	0.03-0.6	0.001-0.8
0.002-0.5	0.005-0.1	0.005-0.1	0.005-0.25	0.005-0.5	0.005-0.08	0.005-0.2	0.005-0.1
0.0001-0.15		0.0005-0.2					
0.001-0.55	0.001-0.1	0.01-0.3	0.01-0.55	0.004-0.2	0.005-0.2	0.001-0.2	0.001-0.1
0.001-0.2	0.001-0.1	0.001-0.05					0.001-0.1
0.005-15.0	0.005-0.5	0.005-0.5	0.01-3.0	0.005-3.0	0.005-0.3	0.9-8.0	0.005-0.5
0.005-0.25				0.005-0.2	0.01-0.15	0.01-0.2	
	AI Orientation  REF 0.005-0.3 0.0001-0.05 0.0001-0.05 0.0005-0.6 0.0001-0.6 0.001-15.0 0.001-2.5 0.001-0.15 0.0001-0.1 0.0001-15.0 0.001-2.7 0.0005-0.1 0.001-3.0 0.005-0.1 0.001-1.5 0.001-0.5 0.001-0.15 0.001-0.5 0.001-0.5 0.001-0.5 0.001-0.5 0.001-0.55 0.001-0.55 0.001-0.55 0.001-0.5	Orientation         Low Alloy           REF         REF           0.005-0.3         0.0001-0.05           0.0001-0.05         0.0005-0.6           0.0005-0.6         0.0005-0.6           0.0005-0.5         0.0005-0.05           0.001-0.6         0.001-0.1           0.001-0.6         0.001-0.2           0.001-2.5         0.001-0.2           0.001-0.15         0.0005-0.05           0.0001-0.1         0.0001-0.1           0.0001-0.1         0.0001-0.1           0.0001-0.1         0.0001-0.1           0.001-2.7         0.001-0.9           0.0005-0.1         0.0005-0.01           0.001-3.0         0.005-0.01           0.005-0.01         0.005-0.01           0.005-0.01         0.005-0.01           0.005-0.5         0.005-0.04           0.001-0.5         0.005-0.1           0.001-0.15         0.001-0.8           0.001-0.55         0.001-0.1           0.001-0.2         0.001-0.1           0.005-0.5         0.005-0.5	AI AI 99 AI-Si Orientation Low Alloy  REF REF REF 0.005-0.3 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0005-0.6 0.0001-0.05 0.0005-0.6 0.0001-0.05 0.0005-0.6 0.0001-0.05 0.0005-0.05 0.001-0.06 0.001-0.1 0.005-0.2 0.001-15.0 0.001-0.2 0.001-0.3 0.001-2.5 0.001-1.0 0.05-1.0 0.001-0.1 0.0005-0.05 0.001-0.15 0.0001-0.1 0.0001-0.1 0.0001-0.1 0.0001-0.1 0.0001-0.1 0.0001-0.1 0.0001-0.1 0.0005-0.05 0.001-2.7 0.001-0.9 0.01-0.8 0.0005-0.1 0.0005-0.01 0.005-0.1 0.001-3.0 0.005-0.01 0.005-0.01 0.001-1.5 0.005-0.01 0.005-0.1 0.001-1.5 0.005-0.01 0.005-0.01 0.001-2.0 0.005-0.01 0.005-0.1 0.001-2.0 0.005-0.01 0.005-0.1 0.001-0.15 0.005-0.01 0.005-0.1 0.001-0.15 0.005-0.1 0.005-0.1 0.001-0.50 0.005-0.1 0.005-0.1 0.001-0.51 0.005-0.1 0.005-0.1 0.001-0.55 0.001-0.1 0.005-0.1 0.001-0.55 0.001-0.1 0.001-0.3 0.001-0.2 0.001-0.1 0.001-0.05 0.005-0.5 0.005-0.5 0.005-0.5	Al Al 99 Al-Si Al-Si-Cu  PREF REF REF REF REF  0.005-0.3  0.0001-0.05  0.0001-0.05  0.0005-0.6  0.0005-0.6  0.0005-0.6  0.0001-0.05  0.0001-0.05  0.0005-0.5  0.0005-0.5  0.001-0.002  0.0005-0.5  0.001-0.002  0.0005-0.5  0.001-0.002  0.0005-0.5  0.001-0.003  0.001-0.002  0.0005-0.5  0.001-0.10  0.001-0.10  0.005-0.2  0.005-0.5  0.001-0.15  0.001-0.15  0.0001-0.16  0.0001-0.16  0.0001-0.17  0.0001-0.18  0.0001-0.19  0.0001-0.19  0.0001-0.10  0.001-0.10	AI AI 99 AI-Si AI-Si-Cu AI-Cu  REF REF REF REF REF REF  0.005-0.3 0.0001-0.05 0.0001-0.05 0.0005-0.6 0.0005-0.6 0.0005-0.6 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.05 0.0001-0.1 0.001-0.6 0.001-0.1 0.001-0.1 0.001-0.1 0.001-0.1 0.001-0.1 0.001-0.1 0.001-0.1 0.0001-0.1 0.001-0.1 0.0001-0.1	AI AI 99 AI-Si AI-Si-Cu AI-Cu AI-Mg  REF REF REF REF REF REF REF REF  0.005-0.3  0.0001-0.05  0.0001-0.05  0.0001-0.05  0.0005-0.6  0.0005-0.6  0.0005-0.6  0.0005-0.6  0.0005-0.6  0.0005-0.6  0.0001-0.05  0.0001-0.05  0.0001-0.05  0.0001-0.05  0.0001-0.05  0.0001-0.05  0.0001-0.05  0.0001-0.05  0.0001-0.05  0.0001-0.05  0.0001-0.05  0.0001-0.05  0.0001-0.05  0.0001-0.05  0.0001-0.10  0.0001-0.2  0.001-0.3  0.001-0.10  0.001-0.10  0.001-0.10  0.001-0.15  0.001-0.15  0.0001-0.15  0.0001-0.16  0.0001-0.10  0.0001-0.15  0.0001-0.10  0.0001-0.15  0.0001-0.10  0.0	AI         AI 99         AI-Si         AI-Si-Cu         AI-Cu         AI-Mg         AI-Zn           REF         REF

LIMITS OF DETECTION FOR THE GNR METAL LAB PLUS in ALUMINIUM BASED MATERIALS