GKR METAL



Standard: **EN 1706 ALUMINIUM AND ALUMINIUM ALLOY CASTINGS**
EN 1676 ALUMINIUM ALLOYED INGOTS FOR REMELTING

Alloy Group: **Al Si 9 Cu**

Replaces: **DIN 226 A - Si 9 Cu 3**

Alloy Designation: **EN AB and AC 46300 - Al Si 7 Cu 3 Mg**

CHEMICAL COMPOSITION %

ALLOY		ELEMENTS												
		Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Pb	Sn	Ti	Individual Impurities	Global Impurities
EN AB 46300	min	6,5		3,0	0,20	0,35								
	max	8,0	0,7	4,0	0,65	0,60	-	0,30	0,65	0,15	0,10	0,20	0,05	0,25
No UNI name	min													
	max													

MECHANICAL FEATURES DETECTED FROM SEPARATE CASTING TEST SPECIMENS

Casting Process	Temper Designations	Rm Tensile Strenght		Sp 0,2 Proof Stress		A Elongation		HB Brinell Hardness	
		EN 1706 Mpa	N/mm2	EN 1706 Mpa	N/mm2	EN 1706 %	%	EN 1706 HBW	HB
SAND (as cast) Annealed									
CHILL (as cast) Annealed	F	180	180-230	100	100-170	1	1-2	80	70-85
PRESSURE DIE (as cast)									

Karaağaç OSB Mh. Eskibağlar Cd. No: 9/1 Kapaklı / Tekirdağ

+90 212 875 22 22 satis@gkrmesek.com

www.gkrmesek.com