OK Tigrod 5356

OK Tigrod 5356 is the most widely used welding alloy and can be classified as a general purpose type filler alloy. OK Tigrod 5356 is typically chosen because of its relatively high shear strength. The 5XXX alloy base material, welded with OK Tigrod 5356, with a weld pool chemistry greater than 3 % Mg and service temperatures in excess of 65 °C are susceptible to stress corrosion cracking. The alloy is non-heat treatable.

Specifications	
Classifications	SFA/AWS A5.10 : R5356 EN ISO 18273 : S Al 5356 (AlMg5Cr(A)) JIS Z 3232 : A5356-BY-3.2
Approvals	ABS : RC1 ABS : R 5356 CE : EN 13479 CWB : R5356 DB : 61.039.02 JIS : A5356-BY-3.2 LR : RC1/I-1m UKCA : EN 13479 VdTÜV : 04665

Approvals are based on factory location. Please contact ESAB for more information.

Alloy Type	AlMg 5
Shielding Gas	I1, I3 (EN ISO 14175)

Typical Wire Composition %							
Mn	**Si**	**Cr**	**Al**	**Cu**	**Zn**	**Fe**	**Mg**
0.13	0.05	0.12	94.560	0.01	0.01	0.13	4.9