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Structural Steel Plates for Arctic Use Produced by Multipurpose Accelerated Cooling System

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**Table 1** Chemical compositions of steels for YP 36 kgf/mm<sup>2</sup> arctic use produced by MACS and KTR (wt %)

Steel	C	Si	Mn	P	S	Al	Cu	Ni	V	Ti	REM	C <sub>eq</sub>
MACS (A30)	0.02	0.07	1.47	0.002	0.001	0.002						

#### 4 母材部破壊じん性

##### 4.1 脆性破壊発生特性

32mm 全厚の COD 試験結果を Table 4 に、また板厚方向の  
COD試験結果を Table 5 に示す。MACS材、KTR材と、60°C

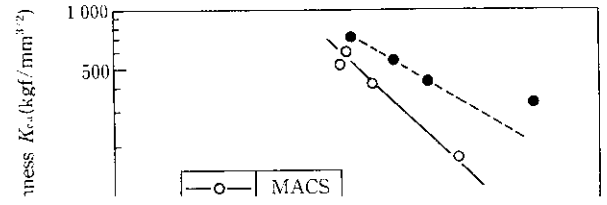


Table 7 Tensile test results at high heat input welding joint

20

