

CERTIFIED MATERIAL REPORT

CMR No. : HK2911331331

Customer													
Trade Name		Supercored 309L				Purchaser's Order No.		-					
Size		1.2 mm * 15 kg				Applicable Specification		AWS A5.22 E309LT0-1					
Lot No.		SW6900K7				Date of Issue		2006/11/29					
Welding Current	DCEP	Shielding Gas	CO ₂			Post Weld Heat Treatment (°C × hr.)			AS WELDED				
Mechanical Properties		Tensile Test				Impact Test (CVN - Joule)							
		YS (N/mm ²)		TS (N/mm ²)		EL (%)		Temp.(°C)		X1	X2	X3	Avg.
		-		573		33.4							
Spec.		-		≥520		≥30							
Chemical Composition (%) (DEPO.)		C	Si	Mn	P	S	Cu	Ni	Cr	Mo			
		0.03	0.45	1.59	0.017	0.009	0.08	12.30	23.49	0.11			
Spec.		≤0.04	≤1.0	0.5 ~2.5	≤0.04	≤0.03	≤0.5	12.0 ~14.0	22.0 ~25.0	≤0.5			
Others													
<p>We hereby certifies that the material covered by this report has been inspected in accordance with and been found to meet the applicable requirements of specification and customer's requirements.</p> <p style="text-align: right;">Approved by</p> <p style="text-align: right;"><i>SH Kim</i></p> <p style="text-align: right;">QA Manager Kim, S. H</p>													



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