

## ESP Cable Solutions Co.,Ltd



### TEST REPORT

<b>Solutions-20160516A</b>			
<b>General</b>	Type	Pump Housing,45# steel	
	Test date	May 16,2016	
	Weight	2728 KG	
	Quantity	30 pcs	
	Standard	GB/T 3639-2009	
	Batch No.	160516-a	
	Heat No.	15309482	
<b>Size</b>	OD	4.0"	
	ID	3.5"	
	Wall thickness	0.25"	
	Length	20 FT	
<b>Tensile Test</b>	Y.S	725 Mpa	
	T.S	800 Mpa	
	E.A	17.00%	
<b>Mechanical Property</b>	Hardness	219 HB	
<b>Surface Judgment</b>	Surface quality	OK	
	Straightness	0.1 mm/m	
<b>Chemical Composition</b>	C	0.45	
	Si	0.24	
	Mn	0.61	
	Cr	/	
	Mo	/	
	Ni	/	
	P	0.008	
	S	0.002	
<b>Appearance</b>	Qualified	<b>Conclusions</b>	Qualified