

## ESP Cable Solutions Co.,Ltd



### TEST REPORT

<b>Solutions-20160516B</b>			
<b>General</b>	Type	Pump Housing,45# steel	
	Test date	May 16,2016	
	Weight	3110 KG	
	Quantity	25 pcs	
	Standard	GB/T 3639-2009	
	Batch No.	160516-b	
	Heat No.	15308091	
<b>Size</b>	OD	5.38"	
	ID	4.88"	
	Wall thickness	0.25"	
	Length	20 FT	
<b>Tensile Test</b>	Y.S	780 Mpa	
	T.S	890 Mpa	
	E.A	13.40%	
<b>Mechanical Property</b>	Hardness	229 HB	
<b>Surface Judgment</b>	Surface quality	OK	
	Straightness	0.1 mm/m	
<b>Chemical Composition</b>	C	0.45	
	Si	0.25	
	Mn	0.62	
	Cr	/	
	Mo	/	
	Ni	/	
	P	0.008	
	S	0.002	
<b>Appearance</b>	Qualified	<b>Conclusions</b>	Qualified