

Order No. : 01S7113057

PO No. : 01S7113057

Supplier : POSCO INTERNATIONAL CORPORATION

Commodity : STEEL PLATE

Customer : MOUNTING RENEWABLE POWER LIMITED

Spec &amp; Type : IS-E350B0/EN-S355J0N

Size	Product No.	Quantity	Weight (kg)	Heat No.	Country of Melt & Pour	Position	Tensile Test			Tensile Test2			Impact Test	Bend Test	U.S.T	Division	Chemical Composition											
							YP (MPa)	TS (%)	EL (%)	YP (MPa)	TS (%)	EL (%)	V Notch +0 °C Energy (Joule)				Deoxidation	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	B (ppm)			
33x2980x14051	PP60598302	1	10,844	SU30880	KOR	T	420	571	25	418	560	27	1: 178 2: 156 3: 143 A: 159		Good	L P	C	0.1557 0.1469	0.377 0.365	1.434 1.400	0.0142 0.0124	0.0042 0.0039	0.039 0.040	0.027 0.024	4 2			
33x2980x14051	PP60597402	1	10,844	SU30880	KOR	T	401	565	27	405	564	25	1: 179 2: 183 3: 189 A: 184		Good	L P	C	0.1557 0.1469	0.377 0.365	1.434 1.400	0.0142 0.0124	0.0042 0.0039	0.039 0.040	0.027 0.024	4 2			
33x2980x14051	PP60597202	1	10,844	SU30880	KOR	T	405	561	29	405	564	25	1: 183 2: 189 3: 192 A: 188		Good	L P	C	0.1557 0.1469	0.377 0.365	1.434 1.400	0.0142 0.0124	0.0042 0.0039	0.039 0.040	0.027 0.024	4 2			
*** Sub Total (060) ***		6	65,064 (kg)														CEQ (G) = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5											
*** Heat Treatment ==> Normalizing rolling ***																												
We certified that the material described above fully conforms to IS:2062 : 2011 Chemical composition and Mechanical properties of the product, as tested in accordance with the Scheme of Testing and Inspection contained in the BIS Certification Marks LicenceNo,CM/L-4039956 are as indicated above against each order No. (PLEASE REFER TO IS 2062 : 2011 FOR DETAILS OF SPECIFICATION REQUIREMENTS)																												
*** Lot Total ***		6	65,064 (kg)			Lot No. ==> S1-P6																						
32.5x2980x14051	PP60686301	1	10,681	SU30964	KOR	T	395	556	28	398	555	27	1: 266 2: 208 3: 198 A: 224		Good	L P	C	0.1540 0.1610	0.396 0.396	1.430 1.479	0.0114 0.0122	0.0032 0.0033	0.026 0.028	0.015 0.014	2 1			
32.5x2980x14051	PP60686501	1	10,681	SU30964	KOR	T	414	560	28	402	563	28	1: 204 2: 209 3: 199 A: 204		Good	L P	C	0.1540 0.1610	0.396 0.396	1.430 1.479	0.0114 0.0122	0.0032 0.0033	0.026 0.028	0.015 0.014	2 1			

\* Position - T : Top, M : Middle, B : Bottom  
 \* Tensile Test. Direction : Transversal, Gauge Length : 5.65 √A<sub>0</sub> (Rectangular), YP Method : Upper Point  
 \* Tensile Test2. Direction : Transversal, Gauge Length : 5.65 √A<sub>0</sub> (Rectangular), YP Method : Upper Point  
 \* Impact Test. Direction : Surface Longitudinal, Full-Size : 10 mmX10 mm  
 \* U.S.T : Ultrasonic Test.  
 \* Division - L : Ladle Analysis, P : Products Analysis  
 \* Supply Condition : As-Rolled unless otherwise Heat Treated.  
 \* Deoxidation : A, W : Al-Killed. B, R : Rim-Cast. C, V, \*Y\* : Si+Al-Killed. P, S : Si-Killed



This material has been fully killed and made by basic oxygen process. This material is fine grained steel.  
 This material has been made by vacuum degassing process.  
 No repair welding was performed to the products, Test Certificate is issued according to ISO 10474/EN 10204 3.1.  
 We, POSCO, hereby certify that the products specified in the present MTC have been fully processed in South Korea. (Facility and address information is stated below)  
 We hereby certify that the material herein has been made in accordance with the order and above specification.  
 Applicable code: IS 2062 : 2011, BIS Certification marks Licence No. CM/L-4039956

Legal sanction can be imposed on forging. Improper use of product can cause safety issues.


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Surveyor To :

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