



Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 230328-FZ01KS-0020A2-0001

Date of Issue/발행일자 : Mar., 27, 2024

Post Treatment /후처리 : XX (None Post Treatment)

Order No./계약번호 : 01S5975260

PO No./주문번호 : JXC-POSCO-03B  
(POSCO-CTPC)

Supplier /주문자 : POSCO INTERNATIONAL CORPORATION

Commodity /품명 : GI COIL

Customer /고객사 : BEIJING BENZ AUTOMOTIVE

Spec & Type /규격 : MBN 11251 CR210BH- EG53/53-E

Size/치수	Product No. /제품번호	Quantity /수량	Weight /중량 (kg)	Heat No. /제강번호	Position	Tensile Test /인장시험				Plastic Anisotropy Test		Baked Hardening	Roughness Ra	Roughness PPI	Roughness PPC	Roughness Wsa	Coating Weight (g/m²)	
						YP	TS	EL	n	r0	r	BH <sub>2</sub> (MPa)	(µm)	(ea)	(ea)	(µm)	Zn Upper	Zn Lower
						(N/mm²)	(%)											
0.7x1450xC 0.71x1451	CPQ5932B	1	15,600	SQ21390	B	255	374	41	0.220	1.60	1.40	68	1.36	210	83	0.33	60.0	60.2
*** Sub Total (010) ***		1	15,600 (kg)			< Not Welded >												
*** Grade Total ***		1	15,600 (kg)															
*** Grand Total ***		1	15,600 (kg)			=== Last Item ===												

\* Position - T : Top, M : Middle, B : Bottom  
\* Tensile Test. Direction : Longitudinal, Gauge Length : 80 mm(Rectangular),  
YP Method : 0.2 % off-set  
\* Division - L : Ladle Analysis

We hereby certify that the material herein has been made in accordance with the order and is fully in compliance.

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

Surveyor To :

Park, Junyoung





Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 230328-FZ01KS-0020A2-0001

Date of Issue/발행일자 : Mar., 27, 2024

Post Treatment  
/후처리 : XX (None Post Treatment)

Order No./계약번호 : 01S5975260

PO No./주문번호 : JXC-POSCO-03B  
(POSCO-CTPC)

Supplier  
/주문자 : POSCO INTERNATIONAL CORPORATION

Commodity  
/품명 : GI COIL

Customer  
/고객사 : BEIJING BENZ AUTOMOTIVE

Spec & Type  
/규격 : MBN 11251 CR210BH- EG53/53-E

Product No. /제품번호	Division	Chemical Composition/화학성분							
		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cu (%)	Ti (%)	Sol-Al (%)
CPQ5932B	L	0.0020	0.051	0.132	0.0526	0.0034	0.010	0.0010	0.029
*** Sub Total (010) ***			1	15,600 (kg)				< Not Welded >	
*** Grade Total ***			1	15,600 (kg)					
*** Grand Total ***			1	15,600 (kg)					
=== Last Item ===									

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Surveyor To :

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Order No./계약번호 : 01S6070122

PO No./주문번호 : BASR-BBAC-230209  
(POSCO-CTPC)

Supplier  
/주문자 : POSCO INTERNATIONAL CORPORATION

Commodity : EG COIL  
/품명

Customer  
/고객사 : BEIJING BENZ AUTOMOTIVE

Spec & Type : MBN 11251-CR210BH EG53/53-E  
/규격

Size/치수	Product No. /제품번호	Quantity /수량	Weight /중량 (kg)	Heat No. /제강번호	Position	Tensile Test /인장시험				Plastic Anisotropy Test		Baked Hardening	Roughness Ra	Roughness PPI	Roughness PPC	Roughness Wsa	Coating Weight (g/m²)	
						YP (N/mm²)	TS (%)	EL (%)	n	r0	r̄	BH₂ (MPa)	(μm)	(ea)	(ea)	(μm)	Zn Upper	Zn Lower
0.7x1490xC 0.712x1491.5	CPSA473B	1	13,610	SQ27355	B	243	366	39	0.200	1.80	1.60	47	1.26	198	78	0.28	56.0	55.5
*** Sub Total (010) ***		1	13,610 (kg)			< Not Welded >												
*** Grade Total ***		1	13,610 (kg)															
*** Grand Total ***		1	13,610 (kg)									=== Last Item ===						

\* Position - T : Top, M : Middle, B : Bottom  
\* Tensile Test. Direction : Longitudinal, Gauge Length : 80 mm(Rectangular),  
YP Method : 0.2 % off-set  
\* Division - L : Ladle Analysis

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Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 230530-FZ01KS-0022A2-0001

Date of Issue/발행일자 : Mar., 27, 2024

Post Treatment  
/후처리 : XX (None Post Treatment)

Order No./계약번호 : 01S6070122

PO No./주문번호 : BASR-BBAC-230209  
(POSCO-CTPC)

Supplier  
/주문자 : POSCO INTERNATIONAL CORPORATION

Commodity : EG COIL  
/품명

Customer  
/고객사 : BEIJING BENZ AUTOMOTIVE

Spec & Type : MBN 11251-CR210BH EG53/53-E  
/규격

Product No. /제품번호	Division	Chemical Composition/화합성분							
		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cu (%)	Ti (%)	Sol-Al (%)
CPSA473B	L	0.0018	0.061	0.139	0.0508	0.0045	0.018	0.0010	0.035
*** Sub Total (010) ***			1	13,610 (kg)		< Not Welded >			
*** Grade Total ***			1	13,610 (kg)					
*** Grand Total ***			1	13,610 (kg)					
=== Last Item ===									

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Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 230729-FZ01KS-0006A2-0001

Date of Issue/발행일자 : Mar., 27, 2024

Post Treatment  
/후처리 : XX (None Post Treatment)

Order No./계약번호 : 01S6175400

PO No./주문번호 : BASR-BBAC-230515  
(POSCO-CTPC)

Supplier  
/주문자 : POSCO INTERNATIONAL CORPORATION

Commodity : EG COIL  
/품명

Customer  
/고객사 : BEIJING BENZ AUTOMOTIVE

Spec & Type : MBN11251-CR210BH EG53/53-E  
/규격

Size/치수	Product No. /제품번호	Quantity /수량	Weight /중량 (kg)	Heat No. /제강번호	Position	Tensile Test /인장시험				Plastic Anisotropy Test		Baked Hardening  BH <sub>2</sub> (MPa)	Roughness Ra  (μm)	Roughness PPI  (ea)	Roughness PPC  (ea)	Roughness Wsa  (μm)	Coating Weight  (g/m <sup>2</sup> )	
						YP (N/mm <sup>2</sup> )	TS (%)	EL (%)	n	r0	r̄						Zn Upper	Zn Lower
0.7x1490xC	CPTC775AA	1	13,880	SQ29068	B	245	367	39	0.200	1.80	1.50	41	1.42	208	82	0.29	58.7	58.6
0.713x1490.9																		
*** Sub Total (010) ***		1	13,880 (kg)			< Not Welded >												
*** Grade Total ***		1	13,880 (kg)															
*** Grand Total ***		1	13,880 (kg)															
=== Last Item ===																		

\* Position - T : Top, M : Middle, B : Bottom  
\* Tensile Test. Direction : Longitudinal, Gauge Length : 80 mm(Rectangular),  
YP Method : 0.2 % off-set  
\* Division - L : Ladle Analysis

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Post Treatment  
/후처리 : XX (None Post Treatment)

Order No./계약번호 : 01S6175400  
Supplier /주문자 : POSCO INTERNATIONAL CORPORATION  
Customer /고객사 : BEIJING BENZ AUTOMOTIVE

PO No./주문번호 : BASR-BBAC-230515  
(POSCO-CTPC)  
Commodity /품명 : EG COIL  
Spec & Type /규격 : MBN11251-CR210BH EG53/53-E

Product No. /제품번호	Division	Chemical Composition/화합성분							
		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cu (%)	Ti (%)	Sol-Al (%)
CPTC775AA	L	0.0015	0.055	0.138	0.0515	0.0045	0.007	0.0008	0.034
*** Sub Total (010) ***			1	13,880 (kg)		< Not Welded >			
*** Grade Total ***			1	13,880 (kg)					
*** Grand Total ***			1	13,880 (kg)					
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