271477 .

GERDAU

CE
0038

MILL TEST / QUALITY CERTIFICATE
CERTIFICADO DE CALIDAD

BR-ML-OURO BRANCO-ACO
ROD MG 443 KM 7 ,
OURO BRANCO , Minas Gerais - CEP
36420-000
Brasil

CUSTOMER / CLIENTE	GRADE / CALIDAD GG	SPECIFICATION / ESPECIFICACION
KROMAT TRADING LIMITED	EN 10025-2 S355 J0	
ADRESS / DIRECCION		
9 PALACE COURT, LONDON W2 4LP		
QUALITY / CALIDAD	**SALES ORDER / ORDEN DE VENTA**	
EN 10025-2 S355 J0	5625184/60	

PRODUCT DETAILS / DETALLES DEL PRODUCTO

PRIME NEWLY MANUFACTURED BEAMS AND COLUMNS / 203X203X46 / 14,000 M /

HEAT / COLADA	C %	Mn %	Si %	S %	P %	Cu %	CEV %	Nb %	Alt %	V %	Yield Stre MPa	Tensil e St MPa	Elonga tion %	IMPACT O LO J	Thickn ess mm
2708525903														266,0	
														269,0	
	0,13	1,38	0,16	0,002	0,012	0,01	0,370	0,036	0,027	0,030	457	550	28,16	248,0	7,5
2708525904														261,0	
														272,0	
	0,13	1,38	0,16	0,002	0,012	0,01	0,370	0,036	0,027	0,030	453	554	30,43	241,0	7,5
2709556503														143,0	
														172,0	
	0,17	1,23	0,20	0,010	0,015	0,00	0,382	0,018	0,039	0,019	457	555	32,01	143,0	7,5
2709556603														177,0	
														182,0	
	0,16	1,23	0,19	0,004	0,018	0,00	0,372	0,017	0,027	0,019	442	542	29,74	191,0	7,5
2709556604														177,0	
														182,0	
	0,16	1,23	0,19	0,004	0,018	0,00	0,372	0,017	0,027	0,019	430	528	30,85	191,0	7,5
2709556607														177,0	

MECHANICAL PROPERTIES CODE / CÓDIGO DE PROPIEDADES MECÁNICAS

Yield Streng - Yield Strength MPa
Tensile Stre - Tensile Strength MPa
Elongation - Elongation
IMPACTO LONG - IMPACTO LONG.
Thickness of - Thickness of the specimen

OBSERVATIONS / OBSERVACIONES

Date: 12/08/2017 - Transport : 0005649E17
THE MAIERIAL CONFORMS TO BSEN10025:2004 PARTS 1 AND 2, GRADE S355J0, BS EN10034:1993 AND BS4-1:2005, Inspection Certificate 3.1
EN10204:2004. EC CERTIFICATE OF CONFORMITY N° 038 / CPR / 20060008/A. Product Type: Hot Rolled Structural Steel Products.
Declaration of Performance: N° G001/17. Harmonised Standard: EN 10025-1: 2004. Essential Characteristics: Tensile / Yield / Impact
Strengths and Weldability: S355J0, Durability, regulated substance - No Performance Determined. Intended Uses: Building
Construction or Civil Engineering. CEV=C=Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15.

FERNANDO VICTOR DE KNEGT Quality
Manager / Gerente de Calidad

Despatch No.: 1007999 S/O No.: 2285.07 Cust Name: Weldrite Structures Ltd
Cust Ref: WSL9946/C1255/L3 Parent: 271477 Cast No.....: 2709556604 Weight: 1.936
Pieces: 4 Size: 14.000 Message: AJN Steelstock Ltd Product: UC203203-46
Child Batch No: 271477

271477

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CE 0038

MILL TEST / QUALITY CERTIFICATE
CERTIFICATE CERTIFICADO DE CALIDAD

BR-ML-OURO BRANCO-ACO
ROD MG 443 KM 7 ,
OURO BRANCO , Minas Gerais - CEP
36420-000
Brasil

CUSTOMER / CLIENTE	GRADE / CALIDAD GG	SPECIFICATION / ESPECIFICACION
KROMAT TRADING LIMITED	EN 10025-2 S355 J0	
ADRESS / DIRECCION		
9 PALACE COURT, LONDON W2 4LP		
QUALITY / CALIDAD	**SALES ORDER / ORDEN DE VENTA**	
EN 10025-2 S355 J0	5626543/73	

PRODUCT DETAILS / DETALLES DEL PRODUCTO

PRIME NEWLY MANUFACTURED BEAMS AND COLUMNS / 203X203X46 / 14,000 M /

HEAT / COLADA	C %	Mn %	Si %	S %	P %	Cu %	CEV %	Nb %	Alt %	V %	Yield Stre MPa	Tensile St MPa	Elongation %	IMPACT O LO J	Thickness mm
2709556603	0,16	1,23	0,19	0,004	0,018	0,00	0,372	0,017	0,027	0,019	442	542	29,74	177,0 182,0 191,0	7,5
2709556605	0,16	1,23	0,19	0,004	0,018	0,00	0,372	0,017	0,027	0,019	439	544	29,67	171,0 179,0 179,0	7,5
2709556606	0,16	1,23	0,19	0,004	0,018	0,00	0,372	0,017	0,027	0,019	448	543	36,46	137,0 179,0 148,0	7,5
2709556803	0,16	1,22	0,20	0,003	0,020	0,00	0,370	0,017	0,030	0,019	449	549	28,31	143,0 186,0 163,0	7,5
2809432006	0,19	1,23	0,18	0,008	0,013	0,01	0,405	0,017	0,032	0,019	443	563	27,12	111,0 138,0 148,0	7,5
2809560705														108,0	

MECHANICAL PROPERTIES CODE / CÓDIGO DE PROPIEDADES MECÁNICAS

Yield Streng - Yield Strength MPa

Tensile Stre - Tensile Strength MPa

Elongation - Elongation

IMPACTO LONG - IMPACTO LONG.

Thickness of - Thickness of the specimen

OBSERVATIONS / OBSERVACIONES

Date: 12/08/2017 - Transport : 0005497E17

THE MATERIAL CONFORMS TO BSEN10025:2004 PARTS 1 AND 2, GRADE S355J0, BS EN10034:1993 AND BS4-1:2005, Inspection Certificate 3.1 EN10204:2004. EC CERTIFICATE OF CONFORMITY N° 038 / CPR / 20060008/A. Product Type: Hot Rolled Structural Steel Products. Declaration of Performance: N° G001/17. Harmonised Standard: EN 10025-1: 2004. Essential Characteristics: Tensile / Yield / Impact Strengths and Weldability: S355J0, Durability, regulated substance - No Performance Determined. Intended Uses: Building Construction or Civil Engineering. CEV=C=Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15.

FERNANDO VICTOR DE KNEGT Quality
Manager / Gerente de Calidad

GERDAU

BR-ML-OURO BRANCO-ACO
ROD MG 443 KM 7 ,
OURO BRANCO , Minas Gerais - CEP
36420-000
Brasil

CE 0038

271477

MILL TEST / QUALITY CERTIFICATE
CERTIFICADO DE CALIDAD

CUSTOMER / CLIENTE	GRADE / CALIDAD GG	SPECIFICATION / ESPECIFICACION
KROMAT TRADING LIMITED	EN 10025-2 S355 J0	
ADRESS / DIRECCION		
9 PALACE COURT, LONDON W2 4LP		
QUALITY / CALIDAD	**SALES ORDER / ORDEN DE VENTA**	
EN 10025-2 S355 J0	5625184/60	

PRODUCT DETAILS / DETALLES DEL PRODUCTO

PRIME NEWLY MANUFACTURED BEAMS AND COLUMNS / 203X203X46 / 14,000 M /

HEAT / COLADA	C %	Mn %	Si %	S %	P %	Cu %	CEV %	Nb %	Alt %	V %	Yield Stre MPa	Tensil e St MPa	Elonga tion %	IMPACT O LO J	Thickn ess mm
2809560707	0,16	1,23	0,19	0,004	0,018	0,00	0,372	0,017	0,027	0,019	430	537	33,21	182,0 191,0 108,0 142,0	7,5
2809560708	0,16	1,20	0,18	0,004	0,016	0,00	0,367	0,016	0,028	0,018	438	547	28,42	124,0 108,0 142,0	7,5
	0,16	1,20	0,18	0,004	0,016	0,00	0,367	0,016	0,028	0,018	420	525	29,63	124,0	7,5

MECHANICAL PROPERTIES CODE / CÓDIGO DE PROPIEDADES MECÁNICAS

Yield Streng - Yield Strength MPa
Tensile Stre - Tensile Strength MPa
Elongation - Elongation
IMPACTO LONG - IMPACTO LONG.
Thickness of - Thickness of the specimen

OBSERVATIONS / OBSERVACIONES

Date: 12/08/2017 - Transport : 0005649E17
THE MATERIAL CONFORMS TO BSEN10025:2004 PARTS 1 AND 2, GRADE S355J0, BS EN10034:1993 AND BS4-1:2005, Inspection Certificate 3.1
EN10204:2004. EC CERTIFICATE OF CONFORMITY N° 038 / CPR / 20060008/A. Product Type: Hot Rolled Structural Steel Products.
Declaration of Performance: N° G001/17. Harmonised Standard: EN 10025-1: 2004. Essential Characteristics: Tensile / Yield / Impact
Strengths and Weldability: S355J0, Durability, regulated substance - No Performance Determined. Intended Uses: Building
Construction or Civil Engineering. CEV=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15.

FERNANDO VICTOR DE KNEGT Quality
Manager / Gerente de Calidad

271477.

GERDAU

CE 0038

MILL TEST / QUALITY CERTIFICATE
CERTIFICADO DE CALIDAD

BR-ML-OURO BRANCO-ACO
ROD MG 443 KM 7 ,
OURO BRANCO , Minas Gerais - CEP
36420-000
Brasil

CUSTOMER / CLIENTE	GRADE / CALIDAD GG	SPECIFICATION / ESPECIFICACION
KROMAT TRADING LIMITED	EN 10025-2 S355 J0	
ADRESS / DIRECCION		
9 PALACE COURT, LONDON W2 4LP		
QUALITY / CALIDAD	**SALES ORDER / ORDEN DE VENTA**	
EN 10025-2 S355 J0	5626543/73	

PRODUCT DETAILS / DETALLES DEL PRODUCTO

PRIME NEWLY MANUFACTURED BEAMS AND COLUMNS/ 203X203X46 / 14,000 M /

HEAT / COLADA	C %	Mn %	Si %	S %	P %	Cu %	CEV %	Nb %	Alt %	V %	Yield Stre MPa	Tensil e St MPa	Elonga tion %	IMPACT O LO J	Thickn ess mm		
2709556803	0,16	1,22	0,20	0,003	0,020	0,00	0,370	0,017	0,030	0,019	449	549	28,31	143,0 186,0 163,0	7,5		

MECHANICAL PROPERTIES CODE / CÒDIGO DE PROPIEDADES MECÁNICAS

Yield Streng - Yield Strength MPa

Tensile Stre - Tensile Strength MPa

Elongation - Elongation

IMPACTO LONG - IMPACTO LONG.

Thickness of - Thickness of the specimen

OBSERVATIONS / OBSERVACIONES

Date: 11/14/2017 - Transport : 0005497E17

THE MATERIAL CONFORMS TO BSEN10025:2004 PARTS 1 AND 2, GRADE S355J0, BS EN10034:1993 AND BS4-1:2005, Inspection Certificate 3.1 EN10204:2004. EC CERTIFICATE OF CONFORMITY N° 038 / CPR / 20060008/A. Product Type: Hot Rolled Structural Steel Products. Declaration of Performance: N° G001/17. Harmonised Standard: EN 10025-1: 2004. Essential Characteristics: Tensile / Yield / Impact Strengths and Weldability: S355J0, Durability, regulated substance - No Performance Determined. Intended Uses: Building Construction or Civil Engineering. CEV=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15.

FERNANDO VICTOR DE KNEGT Quality
Manager / Gerente de Calidad