

**A04 Manufacturer's mark****A01 Manufacturer's works**

thyssenkrupp Rasselstein GmbH  
 Koblenzer Strasse 141  
 Andernach 56626, DE  
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**A06 Purchaser**

Crown Envases Mexico SA de CV  
 Planta Crown La Villa Oriente 107 No. 114  
 CEM9105179U3  
 Mexico Ciudad 07850, MX  
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## Commercial transaction

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<i>A02 Type of inspection document</i>	Inspection documents according to EN10204
<i>A03 Document number</i>	31672785 0001
<i>A05 Originator of the document</i>	QTS-BQ
<i>A07.1 Purchaser order number</i>	RX-2021-10-21-001
<i>A07.2 Purchaser order date</i>	2021-10-22
<i>A08 Manufacturer's work order number</i>	20516753 0010
<i>A10.1 Date of issue</i>	2021-11-09
<i>A10.2 Customer number</i>	1820330

**A10 Supplementary information**

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## Production description

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<i>B01 Product</i>	Hohlprofil
<i>B02 Specification of the product</i>	DR7,5BA / 2.20 / 2.20
<i>B03 Any supplementary requirements</i>	Country of origin: Germany Exporter country: Germany International norm of steel: ASTM 623/626 Cold rolled steel strip
<i>B04 Product delivery condition</i>	Coil
<i>B06 Marking of the product</i>	Electrolytic tinplate DR, coils
<i>B08 Number of pieces</i>	8
<i>B09xB10xB11 Product dimensions [mm]</i>	910.970 X 0.182
<i>B13.1 Net weight</i>	58635 kg
<i>B13.2 Gross weight</i>	60286 kg
<i>B14 Material no.</i>	10067241
<i>B15 Your reference</i>	30006227

## Material identifiers

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Production Order Number	Material ID Number	Cast No	Hot Strip
B07	C00	B07	B07
1086372	1001284986	431921	E29859
1086372	1001284987	431921	E29859
1086372	1001284988	937731	D91250
1086372	1001284989	937731	D91250
1086372	1001284990	427331	D82631
1086372	1001291806	427331	D82631

## Chemical composition

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<i>C70 Steelmaking process</i>						Steelmaking Process Oxygen Steel					
CastNo	C	Mn	P	S	Si	Al	Cu	Cr	Nb	Ni	Mo

B07	C71	C72	C73	C74	C75	C76	C77	C78	C79	C80	C81
431921	0.0310	0.2400	0.0100	0.0130	0.0150	0.0360	0.0080	0.0180	0.0010	0.0120	0.0010
937731	0.0380	0.2400	0.0100	0.0130	0.0150	0.0360	0.0080	0.0180	0.0010	0.0120	0.0010
427331	0.0320	0.2400	0.0100	0.0130	0.0150	0.0360	0.0080	0.0180	0.0010	0.0120	0.0010

## Inspection

### Tensile Test

Production Order Number	Direction	Elongation after fracture [%]	Yield or Proof Strength Tensile Strength [MPa]
B07	C02	C13	C11C12
1086372	L		
	of	36	171318
	to	38	179322

### Roughness

Production Order Number	Surface Roughness [µm]
B07	D51
1086372	
	of0.43
	to0.48

### Tin Coating

Production Order Number	Layer Top-Side [g/m²]	Layer Bottom Side [g/m²]
B07		
1086372		
	of5.6	5.6
	to5.7	5.7

### Thickness

Production Order Number	Hardness [HR30T]
B07	
1086372	
	of
43.0	
to	47.0

## Validation

Z01 Statement of compliance	We hereby certify, that the above mentioned materials have been delivered in accordance with the terms of order
Z02 Title of inspection representative	The manufacturer's authorized inspection representative
Z03 The manufacturer's authorized inspection representative	Andre Leleux (Administrator Certificates) Benjamin Günther (Administrator Certificates)
Z04 Disclaimer	Works Certificate was issued by data processing systems, valid without signature.
Z05 Standards	ASTM 64