

Prilog 1

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Supplement / Prilog

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M230-50A AM FCE Non-Oriented Fully-Process Electrical Steel			
		Guaranty	Typical
Thickness	(mm)	[0.46 - 0.54]	0.48 ± 0.02
Width	(mm)	≤ 1135	
Magnetic properties	Core Loss @ 1.0T / 50Hz	-	0.96 W/kg
	Core Loss @ 1.5T / 50Hz	≤ 2.30 W/kg	2.26 W/kg
	Polarization @ 2500 A/m	≥ 1.49 T	1.56 T
	Polarization @ 5000 A/m	≥ 1.60 T	1.65 T
	Polarization @ 10000 A/m	≥ 1.70 T	1.77 T
Test density	7600 kg/m ³	-	-
Loss anisotropy	EN 10106	± 17 % max	± 12 % max
Tensile properties	Yield Strength	-	450 N/mm ²
	Tensile Strength	-	565 N/mm ²
	Total Elongation A80	-	18%
Hardness	HV5	-	225
Bending test	EN 7799	≥ 2	6
Stacking factor	EN 60404-13	≥ 0.97	0.98
Coating	EC-6 up to 7 µm EC-5 up to 4 µm EC-3 up to 4 µm	-	-



Abnahmeprüfzeugnis / Specific test report

nach DIN EN 10204 - 3.1

Produktbezeichnung	Voltatex® 1151E	Datum	18.06.2015
Name of the product		Date	

Hersteller	Axalta Coating Systems Austria GmbH
Producer	

Lackverarbeiter	KONCAR GENERATORI I MOTORI D.D.
Customer	

Auftrag - Nr.	7407580692
Order - No.	
Ihr Auftrag - Nr.	202-1276/15
Your Order - No.	
Chargen - Nr.	3037032
Batch - No.	
Menge	1620 kg
Quantity	

Prüfung Test		Soll-Wert Limits	Ist-Wert Value
Dichte [g/cm³]	DIN EN ISO 2811-2	1,70 - 1,90	1,84
Density	20°C		
pH-Wert	DIN ISO 976	7,5 - 9,5	8,7
pH-value	20°C		
Einbrennrückstand	DIN EN ISO 3251	73 - 78	76,4
Stoving residue [%]	2 h / 110°C		
Auslaufzeit [sek]	DIN 53211	110 - 150	135
Flow time	20°C		

This test report has been electronically created, valid without signature.
For further queries contact Dr. Lomoschitz - Energy Solutions Voltatex®
Axalta Coating Systems Austria GmbH
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