

**CERTIFICAT DE INSPECTIE / INSPECTION CERTIFICATE
SR EN 10204:2005 (EN 10204:2004) 3.1**

ArcelorMittal HUNEDOARA S.A:
Quality Inspection & Statistics
Hunedoara-Romania Cod 331111

Destinatar / Destined to: SC Thyssenkrupp Materials Romania	Nr. / No.: 1450080416	Data / Date 26.01.2023
Adresa/Address: b-dul Basarabiei, 256, 030171, BUCURESTI Tara/State: România	Comanda nr. / Order no.: 5019	
Vagon/Wagon / Auto/Truck: B910RWP/B08RWP		

Standard de marca / Material norm: **SR EN 10025-2:2019**

Marcaj color:

DOP: AMHU-2/05 CPR-13-1

Observatii / Remarks:

Nr.Crt / No.Item	Nr.Sarja / Heat No	Marca / Quality	Produs / Product	Buc. / Pieces	Cantitate / Quantity [to]	Lungime / Length [mm]	Toleranta la lungime / Tolerance To length [mm]	Incercari mecanice/Mechanical tests														
								ReH			Rm			A5			Incovoiere prin soc / Charpy impact test					
								[N/mm ²]	[N/mm ²]	[%]	Tip epruveta / Type of sample	Temp [°C]	KV1 [J]	KV2 [J]	KV3 [J]	Medie KV / Average KV						
1	71277	S275JO+M	IPE300	40	20.510	12100	-0 / +100	346	491	31,0	300/10	0	60,0	66,0	66,0	64,0						

Compozitie chimica pe otel lichid/Chemical analysis of the liquid steel [%]

Nr.crt / No.Item	Nr.Sarja / Heat No	C	Mn	Si	S	P	Cr	Ni	Cu	Mo	Ti	V	Al	Sn	B	Nb	N	O(ppm)	H(ppm)	CEV
1	71277	0,150	0,610	0,180	0,020	0,023	0,150	0,110	0,330	0,030	0,000	0,013	0,004	0,018	0,0003	0,0010	0,0100			0,320

Utilizare preconizata/Intended uses: Structuri metalice si/sau structuri mixte otel-beton/Metalic structures and/or mixed structures steel-concrete
Durabilitate/Durability: Compozitie chimica / Chemical analysis
Sudabilitate/Weldability: CEV
Substanta reglementata/Regulated substance: Performanta nedeterminata/No performance determined
Marcaj/Marked: **SR EN 10025-1:2005 (EN 10025-1:2004)**
Suprafata/Surface: **SR EN 10163-3:2005, clasa C, subcl.1 (EN 10163-3:2004)**
Dimensiuni/Dimension: **SR EN 10365/2017; EN 10365/2017**
Tol. la dim. si forma / Tolerances on dimension and shape: **SR EN 10034/1995; EN 10034/1993**

Materialul mai sus mentionat nu prezinta radioactivitate The above mentioned material has not displayed any radioactivity	Intocmit/Elaborate: CRISTIAN IOAN MICLEAN CIAPA	CE 12/1823
Inspectia Calitatii si Statistici/Quality Inspection & Statistics Quality Manager: Ileana Cristea Eng.		

