

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.: 1450075014
Data / Date: 17.03.2022

Adresa/Address: b-dul Basarabiei, 256, 030171, BUCURESTI

Comanda nr. / Order no.: 4858

Tara/State: Romania

Vagon/Wagon / Auto/Truck:
AG38MSC/AG58MSC

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 (tc)	Lungime / Length (mm)	Toleranta la lungime / Tolerance To length (mm)	Incercari mecanice/Mechanical tests								
								Incoviere prin soc / Charpy impact test								
								ReH	Rm	A5	Tip epruveta / Type of sample	Temp [°C]	KV1 [J]	KV2 [J]	KV3 [J]	Medie KV / Average KV
								[N/mm ²]	[N/mm ²]	[%]	300/7,5	0	80,0	72,0	70,0	74,0
1	70234	S275JO+M	IPE240	60	22.380	12100	-0 / +100	331	461	32,0	300/7,5	0	80,0	72,0	70,0	74,0

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	70234	0,140	0,550	0,210	0,009	0,011	0,100	0,120	0,470	0,020	0,000	0,010	0,005	0,021	0,0002	0,0005	0,0099			0,297

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:

Victor Dorin Suciu

CE
12/1823



Inspectia Calitatii si Statistici/Quality Inspection & Statistics
Quality Manager:Ileana Cristea Eng.