



TECNITAL S.A.

BRATASANCA, FILIPESTII DE TARG

PRAHOVA ROMANIA

**Inspection certificates 3.1 according EN10204**

CHEMICAL COMPOSITION AND Physical Properties

according to EN 10216 -2

Cert. no: **005**

Delivery date :

**08.06.2022****DESCRIPTION OF GOODS****ELBOWS 3D 90° EN 10253 - 2 TYPE A**Client: NIMFA-COMSRL  
Adres: STR. RACARI NR. 12 A  
BUCURESTI  
ROMANIA  
RO 3023289Base material :  
**P265GH**  
Dimension base material :  
Manufacturer:  
**TMK ARTROM**  
Certificate no.:  
**I 6730**Comercial Invoice : **15873- 08.06.2022**Type of: **ELBOWS 3D 90°**

Norm and grade :

Order:  
Material description**EN 10253 - 2 TYPE A**  
Chemical analysis

Physical properties

No. pcs :	DESCRIPTION	DIAMETER	HEAT NO.	C	Mn	S	P	Si	Ni	Cr	Mo	Cu	Al	Nb	Hardness test HB	Yield point N/mm2	Tensile strength N/mm2	Elongation %
				%	%	%	%	%	%	%	%	%	%	%				
4	<b>ELBOWS 3D 90 °</b>	<b>108 X 4</b>	57053	0.120	0.520	0.003	0.011	0.200	0.080	0.09	0.020	0.170	0.024	0.001	136 - 141	357	467	36.0

Visual and dimensional control has been carried out with satisfactory result

Marking:( made by micropercution with round nose tools )

RO EN2 **P265GH 108 X 4 57053**Elbows is product meet the relevant safety requirments of PED2014/68/EU, annex 1  
certificat 10000356720-PC-DNV GLElbows is produced in quality management system ISO 9001:2015 ,certificate 10000348577-MS-C-RvA-ROU  
issued by DNV GL

Elbows are produced by induction heating up to 910°C ,end normalized by cooled enviroment

CTC :Ghinescu Gheorghe

Date: **08.06.2022**