



# nikal STEELS

**Nikal Steels Ltd**  
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## MANUFACTURER'S TEST CERTIFICATE DIN 50049-3.1/BS-EN 10204-3.1

Customer	Your Order Ref	Our Ref	0001701	Dispatch No	0001856	Date	01/11/2021
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### Chemical Analysis

Qty	Item	Cast No	C	N	SI	S	P	Mn	Cr	Ni	Mo	Ti	V	Al	Cu	Fe	Nb	Co	Pb	W	B	Zn	Sn
10	250mm - PN16 Slip-On R/F - ASTM A182F 316/316L (Flange)	CY2104-035	0.017	0.030	0.480	0.002	0.040	1.150	16.680	10.100	2.050												

### Mechanical Properties

Cast/Lot No	Tensile strength (N/mm)	Yield strength (N/mm)	Elongation %	Area Redn. %	Hardness BHN	Heat treatment Temp (°C)	Charpy impact	@	Unit
21BSS41/CY2104-035	580.00	282.00	58.00	75.00	161	161	1050.000		

Notes

For and on behalf of Nikal Steels Ltd

Signature \_\_\_\_\_ Print Name \_\_\_\_\_ Position \_\_\_\_\_