



ISO 9002 APPROVED

# VALUE VALVES CO., LTD.

NO. 9, CHUNG SHAN RD., TU-CHENG INDUSTRIAL DISTRICT,  
TAIPEI HSIEN, TAIWAN, R.O.C.

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DA-NAN FACTORY: TEL:886-3-367-4700(3 LINES) FAX:886-3-376-5121

NO.16 LANE 33, HOU-TRUNG ST., DA-NAN, PA-TEH CITY, TYO-YUAN HSIEN,  
TAIWAN, R.O.C.

## MATERIAL TEST CERTIFICATE

MESSRS. BUTTERFLY VALVES & CONTROLS DATE: MAY.17.2002

ORDER NO. 2085 CERTIFICATE NO. 9105134

NAME OF MATERIAL: ASTM A351CF8M BODY · DISC

ITEM SPECIFICATION	CHEMICAL COMPOSITION (%)								REMARK
	C	Si	Mn	P	S	Ni	Cr	Mo	
CHARGE NO.	0.08↓	1.5↓	1.5↓	0.04↓	0.04↓	9-12	18-21	2~3	
16"	0.050	1.254	1.176	0.025	0.008	9.391	18.76	2.635	
18"	0.055	1.425	1.571	0.028	0.014	9.678	19.10	2.880	

ITEM SPECIFICATION	PHYSICAL PROPERTIES		
	Tensile strength MPa	Yield strength MPa	Elongation (%)
CHARGE NO.	485↑	205↑	30↑
16"	538	234	46.7
18"	537	223	46.8

REMARKS:

Q.C. MANAGER:



PERSON IN CHARGE:

