

# HASTELLOY® C-22® alloy

## Specifications and Codes

### Specifications

HASTELLOY® C-22® alloy (N06022, W86022)	
Sheet, Plate & Strip	SB 575/B 575 P= 43
Billet, Rod & Bar	SB 574/B 574 P= 43
Coated Electrodes	SFA 5.11/ A5.11 (ENiCrMo-10) F=43
Bare Welding Rods & Wire	SFA 5.14/ A5.14 (ERNiCrMo-10) F= 43
Seamless Pipe & Tube	SB 622/B 622 P= 43
Welded Pipe & Tube	SB 619/B 619 P= 43
Fittings	SB 366/B 366 P= 43
Forgings	SB 564/B 564 P= 43
DIN	17744 No. 2.4602 NiCr21Mo14W
TÜV	Werkstoffblatt 479 Kennblatt 4535.00 Kennblatt 4536.00 Kennblatt 4534.01
Others	NACE MR0175

### Codes

HASTELLOY® C-22® alloy (N06022, W86022)			
ASME	Section I	1250°F (677°C) <sup>1</sup>	
	Section III	Class 1	800°F (427°C) <sup>1</sup>
		Class 2	1250°F (677°C) <sup>2</sup>
		Class 3	1250°F (677°C) <sup>2</sup>
	Section VIII	Div. 1	1250°F (677°C) <sup>1</sup>
		Div. 2	1250°F (677°C) <sup>1</sup>
	Section XII	650°F (343°C) <sup>3</sup>	
	B16.5	1250°F (677°C) <sup>4</sup>	
	B16.34	1250°F (677°C) <sup>5</sup>	
	B31.1	800°F (427°C) <sup>6</sup>	
B31.3	800°F (427°C) <sup>7</sup>		
VdTÜV (doc #)	844°F (450°C) <sup>8</sup> , #479		

<sup>1</sup>Plate, Sheet, Bar, Forgings, fittings, welded pipe/tube, seamless pipe/tube

<sup>2</sup>Plate, Sheet, Bar, Forgings, welded pipe/tube, seamless pipe/tube

<sup>3</sup>Plate, Sheet, Bar, fittings, welded pipe/tube, seamless pipe/tube

<sup>4</sup>Plate, Forgings, fittings

<sup>5</sup>Plate, Bar, Forgings, seamless pipe/tube

<sup>6</sup>Plate, Sheet, fittings, welded pipe/tube, seamless pipe/tube

<sup>7</sup>Plate, Sheet, Forgings, fittings, welded pipe/tube, seamless pipe/tube

<sup>8</sup>Plate, Sheet, Bar, Forgings