ACERINOX		AUSTENITIC STAINLESS STEEL								
			EN DE		)N	CX 300			ON	
							316I			
			X2CrNi	Mo18-14		\$31603				
										]
DESCRIPTION	Cr-Ni-Mo aus their inclinati	tenitic ion to c	stainless sto carbide prec	eels contai cipitation w	n Mo to inc rhen weldii	rease their ng or in higl	resist 1 temj	ance to localized perature applicat	corrosion. Lov ions.	w carbon cont
CHEMICAL	C	Si	Mn	D	s	Cr		Ni	Mo	N
COMPOSITION		1 00	<2.00	<0.045	<0.015	17 00 -18	2 00	12 50 -14 00	2 50-3 00	<0.10
	- Chemical ar - Food, pharn - Tubing and - Vehicle tank	าd petro naceut boilern ks	ochemical i ical and tex naking	ndustries tile industr	ies					
MECHANICAL PROPERTIES IN NNEALING STATUS EN 10088-2			C	C		Н		Р		
	Rp <sub>0.2</sub>		>240 N/mm <sup>2</sup>		>220 N/mm <sup>2</sup>		>220 N/mm <sup>2</sup>			
	Rm		550 - 700 N/mm <sup>2</sup>		550 - 700 N/mm <sup>2</sup>		520 - 670 N/mm <sup>2</sup>			
	Elongation		> 40%		> 40%		> 45%			
PHYSICAL PROPERTIES	C = Cold roll H = Hot roll P = Plate	led she ed she is a der	eet et sity of 8 kg	/dm <sup>3</sup> and s	pecific hea	t of 500 J/k ⁰c 20	g·K	300°C	400°C	500°C
EN 10088-1	Modulus of elasticity (GPa)		200	19	4 1	86	179	172	165	
	Mean coefficient of linear expansion between 20°C (10 <sup>-6</sup> x K <sup>-1</sup> ) and			-	16	5 1	6.5	17	17.5	18
	200(1									
	Thermal (V	l condı V/m∙K	ictivity	15	-		-	-	-	-

©Madrid, 2023 ACERINOX, S.A. all rights reserved/by Cedinox0623





SURFACE It is essential to follow some right cleaning practices regularly, in order to preserve the surface indefinitely and obtain the CLEANING best performance of stainless steel.

For the correct cleaning, it is recommended the use of water and neutral soaps. These should be applied using a soft cloth or brush that do not cause any scratch on the surface. Then, always rinse with water to remove the cleaning agent completely. Finally, it might be dried to preserve a good superficial condition.

If the event of the application of chloride products, it must be followed by deep rinse with plenty of water.

SPECIFICATIONS Cr-Ni-Mo austenitic stainless steels are included in the main international standards. They can be supplied according to ASME, AMS, QQS, MILS standard requirements.