

# Technical Datasheet



## Custom 455® Stainless

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### Typical Cryogenic Mechanical Properties

Condition H 1000

Test Temperature		0.2% Yield Strength		Ultimate Tensile Strength		Notch Tensile Strength		% Elongation	% Reduction of Area	Charpy V-Notch Impact Strength	
°F	°C	ksi	MPa	ksi	MPa	ksi	MPa			ft-lb	J
Room		195	1345	205	1413	290	2000	14	55	22	30
-100	-73	-	-	220	1517	300	2068	13	50	16	22
-300	-184	-	-	255	1758	220	1517	13	45	5	7

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