

Technical Datasheet



Custom 455® Stainless

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Typical Elevated Temperature

Tensile properties, condition H 1000

Test Temperature		0.2% Yield Strength		Ultimate Tensile Strength		% Elong. in 4D	% Reduction of Area	Room Temp. Rockwell C Hardness after test
°F	°C	ksi	MPa	ksi	MPa			
Room		195	1345	205	1413	14	55	44
600	316	165	1138	174	1200	14	60	44
800	427	148	1020	154	1062	15	65	44
1000	538	110	758	118	814	20	75	44

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