



Material Properties: Castings, Forgings or Rolled Steel Products

Office: **Oslo** Continuation of Certificate Number: **OSL 2100345/1**

Mechanical Properties

Cast Number	Test Number	Tensile Test Direction of test	Yield Stress N/mm2	1.0% Proof Stress N/mm2	Tensile Strength N/mm2	Elongation %	Reduction of Area %	Impact Test Charpy V Notch 2mm ISO Direction of Test	Specimen Size	Test temp °C	Joules				Hardness Type HBW
											1	2	3	AV.	
560433	BM,T	Longit.	241	289	544	57	67	L	10x10x55	-46	170	135	152	152	138
				N/A											Grain Size: 4,2
				N/A											ASTM E112
				N/A											
				N/A											
				N/A											

Chemical Composition and Heat Treatment

Cast Number	Composition of Ladle Samples % - As Stated by the Manufacturer															Heat Treatment
	C	Mn	Si	P	S	Al	Nb	V	Ti	Ni	Cu	Cr	Mo	B	N	
560433	0,008	1,73	0,31	0,025	0,022					10,0		16,6	2,02		0,03	Annealed

Issued at **Oslo** on **26 August 2021**
Oslo, Tests carried out by Kiwa AS, Oslo. Ref. Rpt. No.: 3000-21-100279


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