## **nVent LENTON Connect B12 - Independent Tensile Test Data**

ASTM® A615 Grade 60 and ASTM A706 Grade 60

Part Number	Lab Test Report Number	Rebar			Test Result		IBC <sup>®</sup> and ACI <sup>®</sup> 318 TYPE 1		IBC and ACI 318 TYPE 2	
		Size		Area (in²)	Actual Stress	% fy	Required Stress	TYPE 1	Required Stress Specified	TYPE 2
		in-lb	[mm]	Area (In <sup>2</sup> )	Achieved (psi)	% I <b>y</b>	1.25 x Specified Yield	Pass / Fail	Tensile	Pass / Fail
LC16B12D	TK5500	4	[12]	0.20	111,515	186%		Pass		Pass
LC16B12D	TK5501	4	[12]	0.20	111,350	186%		Pass		Pass
LC16B12D	TK5502	4	[12]	0.20	111,560	186%		Pass		Pass
LOTOBIZE	11(0002	-	[ ۱۷]	0.20	111,000	10070	75,000 psi (125% × 60,000)	1 433	years) years)	1 433
LC16B12D	TK5378	5	[16]	0.31	105,458	176%	0,0	Pass	yea yea	Pass
LC16B12D	TK5380	5	[16]	0.31	105,306	176%	9 ×	Pass	5 5	Pass
LC16B12D	TK5381	5	[16]	0.31	105,777	176%	%	Pass	-19 prior prior	Pass
					·		25		l 318-19 (and pric (and pric	
LC20B12D	TK5182	6	[20]	0.44	98,868	165%	<u>:</u>	Pass		Pass
LC20B12D	TK5183	6	[20]	0.44	98,850	165%	<u>s</u>	Pass	AC 19 19	Pass
LC20B12D	TK5185	6	[20]	0.44	99,086	165%	00	Pass	per ACI 318-14 ( 318-19 (	Pass
							2,0			
LC22B12D	TK5373	7	[22]	0.60	103,727	173%	2 =	Pass	) psi ACL:	Pass
LC22B12D	TK5374	7	[22]	0.60	103,460	172%		Pass	,000, per ,	Pass
LC22B12D	TK5376	7	[22]	0.60	102,482	171%	e e	Pass		Pass
L 005D40D	TVCOCZ	8	[05]	0.79	00.704	4050/	rad	Dana	42 42	D
LC25B12D LC25B12D	TK5367 TK5370	8	[25] [25]	0.79 0.79	98,724 98,604	165% 164%	Ō	Pass Pass	09 000	Pass Pass
LC25B12D LC25B12D	TK5370 TK5371	8	[25] [25]	0.79	98,804 98,367	164%	90,	Pass	ade 60 = 90,000 80,000	Pass
LC23B12D	110071	O	[23]	0.79	90,307	10470	<b>A</b>	Fa55	A615 Grade 60 ade 60 = 90,000 ade 60 = 80,000	F455
LC28B12D	TK5362	9	[28]	1.00	98,978	165%	_ ≥	Pass	5 G 60	Pass
LC28B12D	TK5364	9	[28]	1.00	98,684	164%	.S.	Pass	611; de de	Pass
LC28B12D	TK5365	9	[28]	1.00	99,181	165%	<b>7</b> pi	Pass	M A61! Grade I	Pass
20202 122			[=0]		33,131	10070	an	. 4.00	ASTM 615 Gr 706 Gr	. 4.55
LC32B12D	TK5190	10	[32]	1.27	97,620	163%	15	Pass	AST A615 A706	Pass
LC32B12D	TK5191	10	[32]	1.27	97,598	163%	A6	Pass	∢ ∢	Pass
LC32B12D	TK5192	10	[32]	1.27	97,655	163%	≥	Pass	<b>≥</b> ≥	Pass
	<b>T</b>				400.000	4000/	ASTM A615 and ASTM A706 Grade 60	_	ASTM ASTM	_
LC36B12D	TK5356	11	[36]	1.56	100,966	168%		Pass		Pass
LC36B12D	TK5358	11	[36]	1.56	100,913	168%		Pass		Pass
LC36B12D	TK5359	11	[36]	1.56	100,432	167%		Pass		Pass

Table is a summary of Laboratory tests results. Tests reports are available upon request.

