



**CARPENTER CO. – RIVERSIDE DIVISION
SALES SPECIFICATIONS**

FOAM GRADE: CZ50145WT

EFFECTIVE: 5/28/15

TEST ITEM	UNIT	LIMITS	TEST METHOD
DENSITY	PCF	1.40 – 1.50	ASTM D 3574
I.F.D. @ 4" THICK			
- 25% DEFLECTION	LBS.	50.0 – 60.0	ASTM D 3574
- 65% DEFLECTION	LBS.	ND	ASTM D 3574
SUPPORT FACTOR	RATIO	2.0 MIN	
RECOVERY	%	ND	
HYSTERESIS LOSS	%	35 MAX	
CONSTANT DEFLECTION COMPRESSION SET			
- 90% DEFLECTION	%	10 MAX	ASTM D 3574
AIR FLOW	CFM	35 MIN	ERC METHOD 10
RESILIENCE (BALL TEST)	%	40 MIN	ASTM D 3574
TENSION TEST			
- TENSILE STRENGTH	PSI	10.0 MIN	ASTM D 3574
- ULTIMATE ELONGATION			
GRIP SEPARATION	%	150 MIN	ASTM D 3574
TEAR RESISTANCE	PLI	1.25 MIN	ASTM D 3574
STATIC FATIGUE 75%			
- I.F.D. LOSS @ 25%	%	ND	ASTM D 3574
- THICKNESS LOSS		ND	
@75% COMPRESSION	%		ASTM D 3574
FLAMMABILITY PERFORMANCE *			CAL-117 2013

* THIS FLAMMABILITY DATA IS NOT INTENDED TO REFLECT HAZARDS PRESENTED BY THIS OR ANY OTHER MATERIAL UNDER ACTUAL FIRE CONDITIONS.