



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

FOAM GRADE: P40130BU

EFFECTIVE: 3-13-06

<b>TEST ITEM</b>	<b>UNIT</b>	<b>LIMITS</b>	<b>TEST METHOD</b>
DENSITY	PCF	1.25 – 1.35	ASTM D 3574
I.F.D. @ 4" THICK			
- 25% DEFLECTION	LBS.	40.0 – 50.0	ASTM D 3574
- 65% DEFLECTION	LBS.	ND	ASTM D 3574
SUPPORT FACTOR	RATIO	1.9 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)	%	35 MIN	ASTM D 3574
TENSION TEST			
- TENSILE STRENGTH	PSI	15.0 MIN	ASTM D 3574
- ULTIMATE ELONGATION			
GRIP SEPARATION	%	150 MIN	ASTM D 3574
TEAR RESISTANCE	PLI	1.50 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 *			
NA			

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