

# HD-150S

Shown on sample card as C-200

DESCRIPTION	A low out-gassing, flame retardant, low modulus, soft microcellular polyurethane foam.	
TYPICAL APPLICATIONS	Gaskets for automotive, electronics and general industrial applications.	
<u>PHYSICAL PROPERTIES</u>	<u>TYPICAL VALUES</u>	<u>TEST METHODS</u>
Density, PCF	15	ASTM D-3574, Test A
Color	Black	
Compression Set, % @ 73°F	2	ASTM D3574, Test D
@ 158°F	10	ASTM D3574, Test D
Compression Force Deflection, PSI	4 – 8	0.2"/Min Strain Rate Force @ 25% Deflection
Dimensional Stability, %	+/- 2.5	22 hrs at 176°F in a Maximum Change Forced Air Oven
Flammability	Pass	MVSS 302 UL94 HBF
Out-gassing		
Total Mass Loss, % , Max	0.7	
Collected Volatile Condensed Material	0.04	
Tear Strength, PLI	3	ASTM D624 Die-C
Temperature Resistance		
Cold Flex	-40°F	MIL-P-12420C -40°F
Embrittlement	-3°F	ASTM D746
Max Constant Use	158°F	
Max Intermittent Use	250°F	
Tensile Elongation, %	100, min	ASTM D3574 Test E
Tensile Strength	150, min	ASTM D3574 Test E
Water Absorbption, % wgt gam	2.2, max	AMS 3568

The data and information above represents typical values that are generally accepted throughout the industry and appear in manufacturer's literature. Actual physical properties may vary by manufacturing lot. These values do not constitute a guarantee of performance, actual or implied. The suitability of this product may be application specific and should be determined prior to being specified.

For more information, contact pinta foamtec, inc. at (800)438-0678.