Technical Data Sheet

20# High Density Urethane Foam

Specifications

- **Microcellular Urethane Foam for use in gasketing, vibration isolation and shock protection.**
- **Excellent compression recovery**
- **High energy absorption**
- **Low outgassing**
- **Good solvent resistance**

Physical Properties

Physical Property	Test Method	Unit	Value
Density	ASTM D3574	Lb./ft³	20 +/-10%
Standard Color		Pantone Code	Black (0426)
Compression Force Deflection Typical	STM D3489 @ 25% Compression	PSI	6.8 - 13 9.8
Compression Set @ 50% Compression, 73°F	ASTM D3574-D	% Max	4
Compression Set @ 50% Compression, 158°F	ASTM D3574-D	% Max	8
Compression Set: Autoclave then 50% Compression, 158°F	ASTM D3574-J2 & -D	% Max	5
Dimensional Stability (typical)	24 hrs @ 194°	% Max Change	5
Tensile Strength – Min. Typical	ASTM D3574-E Die A	PSI	75 95
Tensile Elongation – Min. Typical	ASTM D3574-E Die A	%	100 105
Tear Strength – Min. Typical	ASTM D624 Die C	PLI	7 11
Resilience (Ball Rebound)	ASTM D3575-H	%	16
Temperature: Continuous Use		°F	-40 to 225
Temperature: Intermittent Use Max.		°F	250
Low Flex Temperature	22 Hrs. @ -40° Mandrel Diameter = 5 x Thickness		No Cracking
Flammability	FMVSS-302 ISO 3795 UL94HBF Test Method		PASS
Water Absorption	ASTM D570	%	4
Fogging (gloss) Reflective	SAE J1756 3 Hrs @ 194°F	Visual	99 Dry Deposits
Ozone Resistance	GM4486P-A80	Visual	No Change
Staining	ASTM D925	Visual	No Staining