

TOTAL PLASTICS, INC.

TECHNICAL DATA SHEET

FOAMFLEX # 2542

Property	Specification	Test Method
Composition	Polyethylene	
Density (pcf)	1.8 – 2.2	ASTM D3575-W
25% / 50% CDF (psi)	5.0 / 14.0	ASTM D3575-D
Shore Hardness “OO” / “A”	51 / 7	ASTM D 2240
Compression Set @ 50% (%)	28.0	ASTM D3575-B
Tensile Strength (M/CM)* (psi)	60 / 39	ASTM D3575-T
Elongation (M/CM)* (%)	124 / 88	ASTM D3575-T
Tear Strength (M/CM)* (ppi)	6 / 11	ASTM D3575-G
Water Absorption (lb/ft ²)	0.04	ASTM D3575-L
Thermal Stability (%) 24 hrs @ 158 ^o F	(M) -2.0 / (CM) -1.0	
Thermal Conductivity K factor @ 70 ^o F	0.25	
Flammability	FMVSS302/ not SE	ASTM D1692
Buoyancy (pcf)	55.0 min	USCG 164.013

*(M/CM) = Machine direction / Cross Machine direction.

REV. 005

REV. DATE: 05/10/05

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