

TECHNICAL DATASHEET: 6# Polyester Polyurethane Foam

PRODUCT DESCRIPTION

Open cell, high density polyester polyurethane foam.

TYPICAL APPLICATIONS

- Acoustical, sound absorbing foam
- Air dam foam and pads

PRODUCT FEATURES & BENEFITS

- Medium firm foam
- Can easily be die-cut into any shape
- Clickable

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/8", 3/16", 1/4", 3/8", 1/2", 3/4", 1"	
COLOR	Charcoal Gray	
MATERIAL/SUBSTRATE	Polyester Polyurethane Foam	
CELL STRUCTURE	Open Cell	
DENSITY	6 lb/ft ³ ±10%	ASTM D3574
TENSILE STRENGTH (MINIMUM)	10 psi	ASTM D3574
TENSILE STRENGTH (AVERAGE)	18 psi	ASTM D3574
RETENTION OF TENSILE STRENGTH AFTER 22 HOURS, 140°C, DRY HEAT AGING	Min. 70%	ASTM D3574
RETENTION OF TENSILE STRENGTH AFTER 3 HOURS, 105°C, STEAM AUTOCLAVE	Min. 70%	ASTM D3574
ELONGATION (MINIMUM)	150%	ASTM D3574
ELONGATION (AVERAGE)	190%	ASTM D3574
COMPRESSION FORCE DEFLECTION @ 25%, AVERAGE	0.75 psi	ASTM D3574
COMPRESSION FORCE DEFLECTION @ 25%, MINIMUM	0.65 psi	ASTM D3574
COMPRESSION FORCE DEFLECTION @ 50%, AVERAGE	1.20 psi	ASTM D3574
COMPRESSION FORCE DEFLECTION @ 50%, MINIMUM	0.95 psi	ASTM D3574
FLAME RETARDANT	Flame retardant by special request	
FMVSS-302	Pass	
UL 94 HF-1	Pass	
REACH	Pass	
ROHS	Pass	

NOTE: Meets UL94 HF-1 @ 0.12" minimum thickness.

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**