



# ALPHA

engineered composites

145 Lehigh Avenue, Lakewood, NJ 08701  
T: 732.634.5700 F: 732.634.1430 alphainc.com

## EPDM Belt: Style EB 1200

**Product Description:** .125" Single Ply Aramid Inserted EPDM Belt[Press/Roto Cured]

**Rubber Polymer:** Peroxide Cured EPDM

### **Finished Belt Requirement**

Thickness, inches	0.125" [+/- 0.015"]
Width, inches *applies to roll goods	48" [+/- 0.5"]
Weight, Pounds/Square yard	6.5 [+/- 0.5 lb/sqyd]
Weight, Ounces/Square yard	104 [+/- 6 ozs/sqyd]
Continuous Operating Temperature, F	300
Intermittent Operating Temperature, F	350
Gas Ply Thickness, Minimum Inches	0.062"
Outer Ply Thickness, Minimum Inches	0.062"

### **Rubber Compound Requirements**

Elastomer Specification	M6CH610A25B14	ASTM D-2000
Cure System	Peroxide	
Specific Gravity, g/cm <sup>3</sup>	1.12 [+/- 0.03]	ASTM D-297
Hardness, Durometer Shore 'A' or Equivalent	60 [+/- 5]	ASTM D-2240
Tensile Strength, Minimum PSI	1,450	ASTM D-412
Elongation, Minimum	300%	ASTM D-412
Compression Set, Maximum <sup>1</sup>	25%	ASTM D-412

### **Dry Heat Resistance<sup>2</sup>**

Weight, Change	+/- 10%	ASTM D-573
Hardness, Durometer Shore 'A' Change	0 to +10	ASTM D-573
Tensile Strength, Maximum Change	-20%	ASTM D-573
Elongation, Ultimate Minimum	-30%	ASTM D-573

### **Textile Requirements**

Reinforcement Fabric	Plain Weave Aramid/Fiberglass
Tensile Strength, lbs/inch [Warp]	250.0
Tensile Strength, lbs/inch [Weft]	110.0

### **Quality Control**

Certifications and test results provided with the product at the time of shipment

DATA SHEET: 14226 REV. A DATE: 6/3/2016

**Specializing in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications.**

All statements herein are expressions of opinion that we believe to be accurate and reliable, but are presented without guaranty or responsibility on our part. Statements concerning possible use of our products are not intended as recommendations for their use alone or in combination with any materials or elements to infringe any patents. No patent warranty of any kind, express or implied, is made or intended.