



ALPHA

engineered composites

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

EPDM Belt: EB 2005

Product Description:

6.0mm ; 2 Ply Wire EPDM Belt

Rubber Polymer:

Peroxide Cured EPDM

Finished Belt Requirement

Color	Black
Thickness, inches	0.236" [+/- 0.020"]
Width, inches *applies to roll goods	40" [+/- 0.5"]
Weight, Pounds/Square yard	14.0 [+/- 1 lb/sqyd]
Weight, Ounces/Square yard	224 [+/- 16 ozs/sqyd]
Continuous Operating Temperature, F	300
Intermittent Operating Temperature, F	350
Gas Ply Thickness, Minimum Inches	0.070"
Outer Ply Thickness, Minimum Inches	0.030"

Rubber Compound Requirements

Elastomer Specification	M6CH610A25B14	ASTM D-2000
Cure System	Peroxide	
Specific Gravity, g/cm ³	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 ¹	25%	ASTM D-412

Dry Heat Resistance²

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

Wire Mesh Requirements

Weight, Pounds/Square yard	1.35
Weight, Ounces/Square yard	21.6
Tensile Strength (PSI, Minimum)	105,000
Knit (CPI)	6/8
Elongation (Minimum)	25%
Thickness (Inches)	0.011

Quality Control

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

DATA SHEET: 14072 REV. A DATE: 03/27/12

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