



gpa 160

1. description

gpa 160 is 160 mils (4mm) thick, formulated with high quality asphalt, modified with atactic polypropylene [APP] resins and reinforced with a core of 170 g/m² nonwoven polyester. This product is available with white reflective granules for surface protection, reflectivity and aesthetic value.

2. recommended uses

- a. As a top protective, weather-resistant surfacing ply.
- b. For construction of high performance flashing systems.

3. benefits

- a. Excellent UV resistance.
- b. Conforms well to irregular surfaces.
- c. Classified by Underwriters Laboratories, Inc.® as to an external fire exposure only.
- d. Approved by the Metropolitan Dade County Building Code Compliance Department and Building Code Committee.
- e. Approved by Factory Mutual Research Corporation per FM Standard 4470, I (A)-90.
- f. Contains no asbestos.

4. physical features

property	typical values			test method
	D5147	MD	XD	
load strain properties at 77° F (25° C)				
maximum load (lbs. / in)		100	70	D5147
elongation @ maximum load (%)		50	50	D5147
ultimate elongation (%)		50	50	D5147



4. physical features (continued)

property	typical values			test method
	D5147	MD	XD	
load strain properties at 0° F (-18° C)				
maximum load (lbs. / in)		140	100	D5147
elongation @ maximum load (%)		9	4	D5147
tear strength at 77°F (25°C)				
tear strength (lbf)		95	120	D5147
dimensional stability				
absolute dimensional change (%)	0.5			D5147
low temperature flexibility				
low temperature cracking does not occur (°F)	-10°			D5147
compound stability				
Temperature at which flow drip/drop formation observed (°F)	240°			D5147
thickness				
average value	160 mils			D5147
granule embedment (grams loss), max.				
average value	2			D5147
net mass per unit area (lbs / 100 sq. ft.)				
average value	88			D228
asbestos content				
average value (%)	0			EPA/600/R-93/116
fire resistance				
average value	Pass, Class A			UL 790/E108