PREMLENE™
SHEET RUBBER

SPECIFICATION SHEET
Mar-2022
GCP Industrial Products

Name **Masticated EPDM Sheet Rubber**
Code **EPS-MSS-B80**

1. DIMENSIONS AND APPEARANCE

Thickness	in	1/16 – 1/4
Length	ft	Up to 100
Width	in	24 - 48
Color		Black

2. PHYSICAL PROPERTIES, typical

		Across grain	*With grain*	
Hardness	Shore A	80 ± 5		ASTM D2240
Tensile strength	psi	878	904	ASTM D412
Elongation	%	406	421	ASTM D412
Density	g/cm^3	1.05		ASTM D297
Tear strength	ppi (N/mm)	263	263	ASTM D624 (Die B)
Heat resistance (70°C, 70h)				
Change in hardness	Shore A	+1		ASTM D573/2240
Change in tensile	%	-0.9	±0.01	ASTM D573/412
Change in elongation	%	+4.3	+0.9	ASTM D573/412
Change in tear	%	-1.5	-6.8	ASTM D573/624
Ozone (6 weeks, Northern IL)		No cracks		ASTM D1171B
Low temp brittleness (-40°C)		No cracks	No cracks	ASTM D2137
Taber abrasion, mass loss	mg/rev	0.0406		ASTM D3389
Flammability		Pass		FMVSS 302

3. TOLERANCES

TARGET THICKNESS, in (mm)	MINIMUM, mm	MAXIMUM, mm	WIDTH TOLERANCE, in
1/16 (1.6)	1.21	1.97	-0/+1
3/32 (2.4)	2.00	2.76	-0/+1
1/8 (3.2)	2.79	3.56	-0/+1
3/16 (4.8)	3.95	5.58	-0/+1
1/4 (6.4)	5.54	7.16	-0/+1

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