



**MATERIAL DATA SHEET**

Material ref: E1280

Description: 80 duro Ethylene Propylene/Peroxide Cure

Meets: ASTM D2000 3DA 815 A26 B36 EA14

Typical Properties

	REQUIRED	DATA
<b>**PHYSICAL PROPERTIES,</b>		
78 Hardness (shore A D2240), pts		80 +/- 5
15.8 Tensile strength, MPa		14 min.
195 Elongation, %		150 min.
1.16 Specific gravity		1.16±0.02
<b>**A26 HEAT RESISTANCE, TEST METHOD D865,</b>		
70H AT 150		
+4 Hardness change, pts		+10
-2 Tensile strength change, %		-20
-15 Elongation change, %		-20
<b>**B36 COMPRESSION SET, TEST METHODS D395,</b>		
METHOD B, 22H AT 150, PLIED, %		
16		25 max.
<b>**EA14 WATER RESISTANCE, TEST METHOD D471,</b>		
70H AT 100		
+ 3 Volume change, %		+/- 5
<b>**F19 LOW TEMPERATURE BRITTLINESS,</b>		
TEST METHOD D2137,		
NONBRITTLE AFTER 3 MIN AT -55		
Pass		Pass

PLEASE NOTE  
ALL DATA IS DERIVED FROM ASTM TEST SLABS AND BUTTONS