



MATERIAL DATA SHEET

Material ref: E1273

Description: EPDM/70 Durometer/Peroxide Cure/**GRAY**
 Meets: ASTM D2000 M3DA710 A26 B36 C32 F19 EA14 Z1

Typical Properties

	Test Method	Unit of Measure	Nominal Value	Obtained Value
Hardness	ASTM D2240	Shore A	70+/-5	70
Tensile Strength	ASTM D 412C	MPA	10 min.	11.7
Ult. Elongation	ASTM D412C	%	200 min.	205
Specific Gravity				1.238
Compression Set 22 hrs@ 150C	ASTM 395B	%	25 max	14.2
Heat Resistance 70hrs @ 150C	ASTMD865			
Hardness Change		Shore A	+10	+5
Tensile Change		%	-20	+18
Elong. Change		%	-20	-10
Ozone Resistance	50PPHm, 20% stretch 70 hrs @ 40C		No cracks	No cracks
Low Temperature Resistance	-55C X 180 DEGREE BEND X 3 MINUTES		No Cracks	No Cracks
Water Resistance 70 hrs @ 100C	ASTMD471			
Volume change, %			+/-5	+5
DOT3 Brake Fluid Resistance 70 hrs @ 120C				
Hardness change, pts				-1
Tensile change, %				+10
Elong. Change, %				+4
Volume change,%				-2

Data is derived from ASTM test slabs and buttons. Not on actual parts.