

Material / Compound Characteristics

#760

“SNOW PLOW RUBBER”

Physical Properties:

ASTM D 412 —

TENSILE	—	2400 psi (15.9 MPa) minimum
<i>Modulus @ 100%</i>	—	500 psi (typical)
<i>Modulus @ 200%</i>	—	900 psi (typical)
<i>Modulus @ 300%</i>	—	1200 psi (typical)
<i>Elongation @ Break</i>	—	450 % minimum

ASTM D2240: Hardness — **60 ± 5 Durometer (Shore A)**

ASTM D 624: Tear Resistance (Die C) — **229 ppi (lbs per inch) minimum**

ASTM D 297: Density / Specific Gravity — **1.135 typical**

ASTM D 395: Compression Set:

<i>22 hrs. @ 158° F</i>	—	15% typical (25% max)
<i>22 hrs. @ 212° F</i>	—	25% typical (50% max.)

ASTM D 573: Deterioration of Properties (% Difference from Originals)
(Heat Aging – Air Oven)

<i>70 hrs. 158° F</i>	Tensile	—	-20% max.
	Elongation	—	-35% max.
	Durometer	—	± 6 pts. max

ASTM D 2137: Low Temperature Brittleness (- 40° F) — Pass

ASTM D 2137: Ozone Resistance (3 days @ 25 pphm) — Pass