

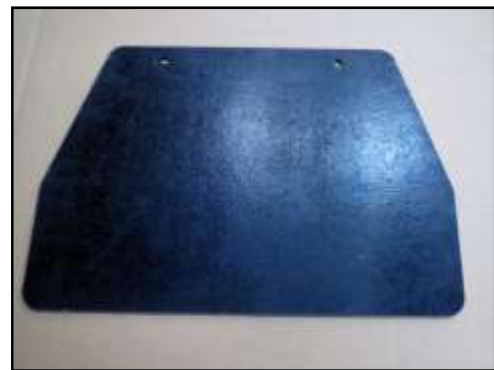
National Rubber Technologies: MMSP 8048

Masticated rubber I stock 1/8" 3/16" and 1/4"

Technical Requirements

The technical requirements to be met by this material will be as follows:

| Physical Properties | Item number | 8048 |
|---|---|------------------------|
| (original) | Test Method | SPECIFICATION |
| * Tensile - MPa (psi) min - With Grain min - Cross Grain | ASTM D412, Die C | 4.8 (697) 2.5 (363) |
| * Elong'n - % min - With Grain min - Cross Grain | ASTM D412, Die C | 15 40 |
| * Tear - kN/m (pi) min - With Grain min - Cross Grain | ASTM D624, Die B | 21 (120) 44 (250) |
| * Hardness - Shore A | ASTM D2240 | 80+/-5 |
| * Specific Gravity | ASTM D3676 | 1.1 - 1.2 |
| * Ozone Resistance kN/m(pi) min cross-grain tear strength after exposure to 80 pphm for 50 hrs @ 38 °C | ASTM D518 | 21 (120) |
| * Low temp brittleness Not brittle @ - 40 °C | ASTM D2137 | pass |
| (Heat Aged) | Test Method | |
| * Tensile Strength Change, % Max. | ASTM D573 | +/- 25 |
| * Elongation Change, % Max. | After exposure for 70 hrs @ 70 deg C | +/- 25 |
| * Hardness Change, points, Shore A | | +/- 10 |



Compound developed to meet customer Specification: Ford ESA-M2D119-A, WSSM2D492. Chrysler MM-EE26, Splash Guard, and Matting.