



**HANNA RUBBER COMPANY**

# Specification Sheet

## Masticated Rubber Random Oriented Fiber Structural Bearing Pad

| Physical Properties<br>Original | Test Method        | Spec MMSP8252<br>MD = Machine Direction<br>TD = Transverse Direction |                            | Result                     |                            |
|---------------------------------|--------------------|----------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|
| Tensile Strength, Min.          | ASTM D412, Die C   | MD: 5.2 Mpa<br>TD: 2.5 Mpa                                           | MD: 754 PSI<br>TD: 363 PSI | MD: 5.3 Mpa<br>TD: 3.0 Mpa | MD: 768 PSI<br>TD: 435 PSI |
| Tear Strength, Min.             | ASTM D624, Die B   | MD: 26.4 kN/m<br>TD: 52.5 kN/m                                       | MD: 150 PI<br>TD: 300 PI   | MD: 35 kN/m<br>TD: 60 kN/m | MD: 200 PI<br>TD: 342 PI   |
| Elongation, % Min.              | ASTM D412, Die C   | MD: 15<br>TD: 40                                                     |                            | MD: 18<br>TD: 50           |                            |
| Hardness, Shore A               | ASTM D2240         | 80 $\pm$ 5                                                           |                            | 78                         |                            |
| Specific Gravity                | ASTM D297 sec 16.3 | N/A                                                                  |                            | 1.18                       |                            |
| Ozone Resistance                | ASTM D518 "B"      | Application Specific                                                 |                            | Application Specific       |                            |
| Low Temperature Resistance      | ASTM D2137 @ -40 C | Non-brittle                                                          |                            | Pass                       |                            |

| Physical Properties<br>Heat Aged | Test Method<br>ASTM D573, 70H @ 70°C | Spec MMSP8252 | Result |
|----------------------------------|--------------------------------------|---------------|--------|
| Tensile Strength, Change % Max.  | ASTM D412, Die C                     | $\pm$ 25      | -15    |
| Elongation, Change %, Max.       | ASTM D412, Die C                     | $\pm$ 25      | -20    |
| Hardness, Change Pts. Max.       | ASTM D2240                           | $\pm$ 10      | +4     |

### Meets the following specifications:

- Caterpillar 1E0553A
- Federal Specification A-A-52402

### Comparable to:

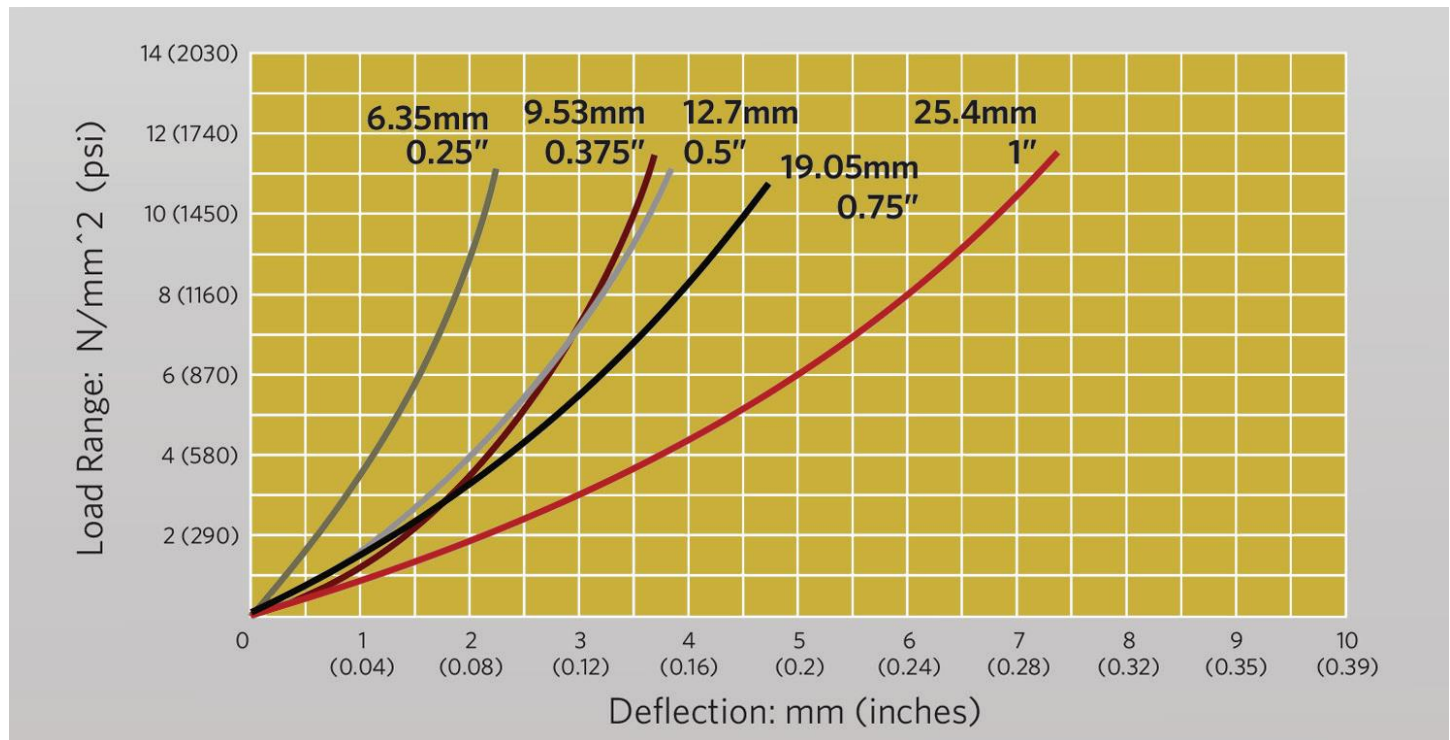
- Fabreeka SA-47

**Ultimate Compressive Breakdown Strength:**  
8000 PSI Minimum

Hanna Rubber accepts no responsibility for results obtained. Each user of these products, or information, should perform their own tests to determine the suitability of the material. Hanna Rubber does not guarantee that the user will obtain the same results. The data and information are subject to change without notice.

# Load Deflection

## SP Load Bearing Pads



## XP Load Bearing Pads

