

Masticated Rubber**1. SCOPE**

1.1 This specification covers Masticated Rubber Material.

1.2 A fiber reinforced rubber available in sheet form that can be die cut and molded.

2. DESIGNATION

MASTICATED RUBBER PER 86529542 (FNHA-2-G-900.00)

3. RELATED SPECIFICATIONS**3.1 REFERENCE STANDARDS**

ASTM D412—Test Material for Vulcanized Rubber and Thermoplastic Rubbers and Thermoplastic Elastomers—Tension.

ASTM D624—Test Methods for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomer.

3.2 This standard replaces the following company standard:

New Holland

2.50.8

4. REQUIREMENTS**4.1 MECHANICAL REQUIREMENTS**

Refer to Table 1.

4.2 MECHANICAL DIMENSIONS

Length and width tolerances should be shown on the drawing for the following rubber products:

4.2.1 Tire Carcass and Masticated Rubber Products

Length and Width (inch):

0 up to and including 12.....+.06
Above 12 up to and including 25+.12
Above 25 up to and including 35+.19
Above 35 up to and including 50+.25
Above 50 to any dimension...+.005" per inch
(Round off to the nearest .12 inch)

4.2.2 Belting Products

Length.....1%
(Round off to the nearest .12 inch)

Width (inch):

0 up to and including 12.....+.12
Above 12 up to and including 24+.25
Above 24 to any dimension.....+1%
(Round off to the nearest .12 inch)

4.2.3 Distance from edge of holes to edge of piece must be at least the thickness of the material.

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					 NEW HOLLAND		ENGINEERING SPECIFICATION	
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Table 1

Tensile Strength (per ASTM D412 die C) Parallel to grain flow Perpendicular to grain flow	697 psi 363 psi
Elongation Parallel to grain flow Perpendicular to grain flow	15% min 40% min
Tear Strength (per ASTM D624 die B) Parallel to grain flow Perpendicular to grain flow	120 psi 250 psi
Hardness Shore A	
Heat Aging (after 70 hrs. at 158° F) Change in tensile strength Change in elongation Change in hardness shore A	±25% max ±25% max ±10% Points max



NAME

STD MASTICATED RUBR

ENGINEERING SPECIFICATION

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86529542



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