



HANNA RUBBER COMPANY

Specification Sheet

Masticated Rubber

Physical Properties Original	Test Method	Spec MMSP8252 MD = Machine Direction TD = Transverse Direction		Result	
Tensile Strength, Min.	ASTM D412, Die C	MD: 5.2 Mpa TD: 2.5 Mpa	MD: 754 PSI TD: 363 PSI	MD: 5.3 Mpa TD: 3.0 Mpa	MD: 768 PSI TD: 435 PSI
Tear Strength, Min.	ASTM D624, Die B	MD: 26.4 kN/m TD: 52.5 kN/m	MD: 150 PI TD: 300 PI	MD: 35 kN/m TD: 60 kN/m	MD: 200 PI TD: 342 PI
Elongation, % Min.	ASTM D412, Die C	MD: 15 TD: 40		MD: 18 TD: 50	
Hardness, Shore A	ASTM D2240	80 ±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 Heat Aged	Test Method ASTM D573, 70H @ 70°C	Spec MMSP8252	Result
Tensile Strength, Change % Max.	ASTM D412, Die C	±25	-15
Elongation, Change %, Max.	ASTM D412, Die C	±25	-20
Hardness, Change Pts. Max.	ASTM D2240	±10	+4

Meets the following specifications:

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

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.