



Masticated Rubber Data Sheet

Physical Properties	Test Method	Spec MMSP8252		Result	
		MD = Machine Direction TD = Transverse Direction			
Tensile Strength (minimum)	ASTM D412 Die C	MD: 5.2 MPA	MD: 754 PSI	MD: 5.3 MPA	MD: 768 PSI
		TD: 2.5 MPA	TD: 363 PSI	TD: 3.0 MPA	TD: 435 PSI
Tear Strength (minimum)	ASTM D624 Die B	MD: 26.4 Km/M	MD: 150 Pl	MD: 35 Km/M	MD: 200 Pl
		TD: 52.5 Km/M	TD: 300 Pl	TD: 60 Km/M	TD: 342 Pl
Elongation, % (minimum)	ASTM D412 Die C	MD: 15		MD: 18	
		TD: 40		TD: 50	
Hardness: Shore "A"	ASTM D2240	80 ±5		78	
Specific Gravity	ASTM D297 Section 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	Test Method	Spec	Result
Heat Aged	ASTM D573, 70H @ 70°C		
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 specification: Caterpillar 1E0553A

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