

RANCO INDUSTRIES, INC.

TRITAN EXTREME DUTY

Property	ASTM	SPEC METRIC	SPEC INCH	RESULT
Tensile Strenght (MPA)				
With grain, min	D412	4.8	696.0	992.9
across grain, min	Die C	2.1	304.5	737.4
Elongation (%)				
With grain, min	D412	15%	15%	46.6%
Across grain, min	Die C	40%	40%	83.3%
Hardness, Shore A	D2240	70-85	70-85	73-84
Tear Resistance (KN/m)				
With grain, min	D624	21	119.7	251.73
Across grain, min	Die B	44	250.8	370.31
Heat Aging				
Cange In:	Tensile, % Max D573 70 hrs @ 70 C	+/- 25 +/- 25 . +10	Same Same Same	-0.4% -5.9% . + 3
Specific Gravity		0.9 - 1.3	0.9 - 1.3	1.19
Brittleness	ASTD2137			No Cracks
@ -40 C	-94(00)			No Cracks
Ozonne Aging Resistance	D 624-00			219.5
50 hrs @ 80 pphm				-13%
Flamability	FMVSS 302		Max. 100	24
Flamability of Interiors requirements				Pass

