

T60 MATERIAL SPECIFICATIONS - TirePlast®

Specialty sheet materials extruded from special compounds of elastomeric Polyolefins and recycled rubber.

MATERIAL: Thermoplastic Rubber

Properties	ASTM test reference	Units	Typical Value
Specific Gravity	D 792		1.061
Hardness	D 2240	Shore A	65
Melt Index	D 1238	g/10 min.	2.1
Tensile Strength	D 412(Die C)	psi	
Machine Direction			620
Transverse Direction			780
100% Modulus	D 412	psi	
Machine Direction			450
Transverse Direction			390
Elongation	D 412	%	
Machine Direction			220
Transverse Direction			290
Flexural Modulus	D 790	psi	2520
Flexural Strength	D 790	psi	120
Tear Strength	D 624(Die C)	lb/in	
Machine Direction			168
Transverse Direction			187

FLUID RESISTANCE ASTM D 471 70 hr. @ 75-80F

Fluid	Rating	Fluid	Rating
Alcohol(Isopropyl)	E	Kerosene	VP
Anti Freeze	G	Motor Oil	F
Diesel Fuel	P	Water - Distilled	E
Gasoline	VP	Water - Salt	G
Grease	G	Vegetable Oil	F
Hydraulic Oil	F		

E=Excellent G=Good F=Fair P=Poor VP=Very Poor