



# TECHNO RUBBER COMPANY LTD.

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## TECHNICAL DATA SHEET

Product	<b>CORNER GUARD</b>
Material	<b>Styrene-butadiene rubber (SBR)</b>
Type	<b>Heavy Duty Rubber</b>

No.	Test Parameter	Unit	Test Method	Specified Value
1	Hardness	Shore "A"	ASTM D 2240	70±5
2	Specific Gravity	.....	ASTM D 792	1.40 - 1.60
3	Tensile strength, min., (Ultimate)	MPa	ASTM D 412	8
4	Elongation @ Break, min.,	%	ASTM D 412	300
5	Tear strength, min.,	N/mm	ASTM D 624,die C	40
6	Compression set, 22 hrs at 70° C,25% deflection,max.	%	ASTM D 395	25
7	Resistance to heat ageing(Properties after 70 hrs. exposure @ 212° F)	---	--	--
8	Change in Hardness,max.	Shore A	ASTM D 573	+5
a	Change in Tensile strength,max.	%	ASTM D 573	-25
b	Change in Ultimate Elongation break,max.	%	ASTM D 573	-25
C	Lateral Impact Resistance, min.	j/m	ASTM D 256 -96b	1356
9	Chemical & Stain Resistance	---	ASTM D543	No Stain & No Marking
10	Flame Retardant Test	Sec	UL-94	20
11	Ozone Resistance ,Condition after exposure to 100 pphm ozone in air for 100 hrs @ 100° F (Sample at 20% strain),Mounting Procedure D 518 Procedure A	--	ASTM D 1149	No Cracks

The above results are generated by tests believed to be accurate and reliable. However, due to normal variations between samples and differences in testing methods, conditions and apparatus, TECHNO RUBBER does not guarantee duplication of these results at all time. All values refer to the material leaving the factory

FM 087