

**TECHNO RUBBER COMPANY LTD.**

SECOND INDUSTRIAL CITY,DAMMAM,KSA

[TEL:+966 13 8123333](tel:+966138123333) [FAX: +966 13 8123322](tel:+966138123322)**TECHNICAL DATA SHEET**

Product	<b>CORNER GUARD</b>
Material	<b>EPDM</b>
Type	<b>Heavy Duty Rubber</b>

No.	Test Parameter	Unit	Test Method	Specified Value
1	Hardness	Shore "A"	ASTM D 2240	65±5
2	Specific Gravity	.....	ASTM D 792	1.42 - 1.54
3	Tensile strength, min., (Ultimate)	MPa	ASTM D 412	9
4	Elongation @ Break, min.,	%	ASTM D 412	350
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	20
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	-15
b	Change in Ultimate Elongation break,max.	%	ASTM D 573	-15
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 ppm 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