

## Rubber Specification:

<b>ITEM:</b>			
<b>Expansion Joint</b>			
This is to certify the physical properties of the material that is used for manufacture of Expansion Joint Sadra Flex (T50,T80,T100,T120,T140,T160,T200,...,T330) are as given bellow			
<b>Physical properties:</b>			
Properties	Unit	Spec.	Standard Test method
Before Aging			
Hardness	Shore A	60±5	ASTM D 2240
Tensile Strength	Mpa	≥16	ASTM D 412
Elongation	%	≥450	ASTM D412
Tear Resistance	N/mm	≥70	ASTM D624
After Aging (96 hr at 70°C)			
Change in tensile strength	%	Max -15	ASTM D 573
Change in Elongation	%	Max -20	
Change in Hardness	%	Max +10	
Compression Test (After 22 hr at 70°C)			
Compression Set	%	≤ 20	ASTM D 395 B
Ozone Test (After 96 hr at 50pphm)			
Ozone resistance	...	No Cracking	ASTM D 1149
Adhesion Strength	N/mm	Min 7	ASTM D429