

Commodity-Rubber component ; UNSPSC Code:												
Selling Unit :												
Sr. No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation / Remarks	Unit	M	F	G	Demand Aggregation
Requirements												
1	Base Polymer (% Nitrile)(as per NBR standard)	N	38-40						√	√	√	
2	Hardness IRHD @RT&50%RH (as per ASTM-D1415 standard)	N	60 +/- 3						√	√	√	
3	Tensile strength @RT&50%RH (Min kg/sq, cm) (as per ASTM-D412 standard)	N	120						√			
4	% EB(elongation at Break) Min % @RT&50%RH (as per ASTM-D412 standard)	N	300						√			
5	Compression Set 5 RT 24 hrs (max %)(as per ASTM-D395 standard)	N	10						√			
6	Compression Set 100 deg 24 hrs (max %)(as per ASTM-D395 standard)	N	20						√			
7	Compression Set 100 deg 168 hrs (max %)(as per ASTM-D395 standard)	N	40						√			
Ageing												

10	Hardness change in hardness (Max) IRHD (as per ASTM-D1415 standard)	N	±10						√	√		
11	Tensile strength. change Max % @RT&50%RH (as per ASTM-D412 standard)	N	± 25						√	√		
	% Elongation at break D (as per ASTM-D412 standard)	N	±40						√	√		
	Comp. Set Change (Max %) RT 24 hrs (as per ASTM-D395 standard)	N	50						√			
	Comp. Set Change (Max %) 100 deg 24 hrs (as per ASTM-D395 standard)	N	50						√			
Resistance to LPG or Pentane												
3	% Absorbed (Max%)(as per IS 9798/8737 standard)	N	plus 10 to minus 9						√	√		
4	% Tot Ext (% min)(as per IS 9798/8737 standard)	N	plus 5 to minus 12						√	√		
5	Hardness change IRHD max	N	±10						√	√		
6	Resistance to Ozone No cracks (as per ASTM-D1149 standard)	Ch	No cracks for 72 hrs						√			
Packing												
8	The material shall be suitably packed in containers as agreed to between the purchaser and the supplier	Ch							√			
9	Packing size	Text							√			
Marking												

10	The containers shall be securely closed and legibly and indelibly marked with the following: a) Description of the material, b) Indication of the source of manufacture, c) Month and year of manufacture, d) Net mass of the material, and e) Lot number in code or otherwise to enable the batch of manufacture to be traced from records	Ch	Yes						v			
11	The containers may also be marked with Standard Mark	Ch	Yes						v			
Shelf Life												
12	Shelf Life (months)	N	6	12	18	24			v	v		
Test Report Details												
16	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes	No					v	v		
17	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes	NA					v	v		