

Structures & Building & Construction & Manufacturing Components & Supplies - UNSPSC: 30 **FINAL**

Structural materials & basic shapes - UNSPSC :3010

Sheet UNSPSC : 301025

Sheet Cellular Defence or Foam Rubber Sheet - UNSPSC : 30102521

S No	Parameters	CH/N	Value 1	Value 2	value 3	value 4	Validation	Unit
GENERIC								
1	Application	ch	Flexible Loadbearing Polyurethane Foam Components for Vehicle				M	
2	Indian Standard Specification	ch	In compliance to IS :8255 latest and Test Method as per IS:7888 latest				M	
3	Flexible polyurethane foam Type	ch	Type I - Profiled and cavities components	Type 2- Rectangular sections of any thickness			M	
4	Flexible polyurethane foam Grade	ch	B				M	
5	Sheet Cellular Thickness (with positive tolerance only)	ch	6 Tolerance+3/-0mm	12 (Tolerance+3/-0mm)	25 (Tolerance+3/-0mm)	37 (Tolerance+5/-0mm)	G	mm
6	Sheet Size Size	ch	Sheets 1000 mm x 2000 mm				G	
Constructional								
1	Cell Type	ch	uniform cells which are essentially open and interconnecting.				M	
2	Sheet Material	ch	P.U.Foam				M	
3	Color	ch	Light Yellow/yellow				F	
4	Marking	ch	Manufacturer Name , Type,Grade,Date of Manufacturing and Batch Number				M	
Performance								
1	Temperature range	ch					TBD	
2	Hardness Number	ch	between 9.1 to 11				TBD	

3	Maximum Compression set at the rate of 90% deflection when tested as per IS 7888 latest	N	≤10	TBD	
4	Heat Ageing Test as per cl-10 of IS 7888 latest	ch	Tensile strength after ageing when tested in accordance with 5 of IS : 7888 latest shall be not less than 70 percent of initial strength	M	
5	Component Mass (±10 %)	N		TBD	
6	Flammability as per clause 4.8 of ISS	ch	yes	M	
7	Fatigue Test as described in 7 of IS 7888	ch	loss in 25 percent indentation hardness characteristic shall not be more than 30 percent of the initial value and the reduction in thickness shall not be more than 10 percent of the initial value.	M	
8	Tensile Strength Kg/cm ² (Min)	N		TBD	Kg/cm ²
9	Elongation at break, percent(Min)	N			%
10	Load quotient (Min)	ch			
Certification					
1	Availability of Type Test Report to prove conformity of declared parameters from NABL accredited / ILAC/Central Govt Lab	ch	Yes	M	
2	Test Report Number	ch		M	
3	Test Report Date	ch		M	
4	Name of the Lab where test Conducted	ch		M	
5	Test Reports to be furnished to the buyer on demand	ch	Yes	M	
6	Warranty Period	ch	18 month	G	year