

Laboratory **Central Laboratory, The Supreme Industries Limited, 68, SIPCOT Industrial Complex, Hosur, Tamil Nadu**

Accreditation Standard **ISO/IEC 17025: 2005**

Discipline **Mechanical Testing** **Issue Date** **19.12.2014**

Certificate Number **T-1467** **Valid Until** **18.12.2016**

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. PLASTICS, RUBBER AND LEATHER				
1.	Plastics/Rubber/EPE/XLPE	Thermal stability	ASTM D 3575 Suffix S (2008) ASTM C 1427-207/IND/ME/1023 (2005)	(-) 50 to 150 Upto 8 %
		Density	ASTM D 3575 Suffix W Method A (2008)	10 kg/m ³ to 400 kg/m ³
		Tensile Strength	ASTM D 3575 Suffix T (2008) (D 412)	0.1 MPa to 10 MPa
		Tear Strength	ASTM D 3575 Suffix G (2008) (D 624)	Upto 1000 N/P
		Elongation	ASTM D 3575 Suffix T (2008) (D 412)	Upto 400 %
		Compression strength	ASTM D 3575 Suffix D (2008)	0.01 MPa to 10 MPa
		Thickness	ASTM D 3775: 08	1 mm to 200 mm
		Length	ASTM Appendix A Para A2 (2000)	50 mm to 300 mm
		Water absorption	ASTM D 3575 Suffix L (2008)	0.01 to 1.0 kg/cm ²

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