

<b>Laboratory</b>	<b>Analytical Technology Lab, SABIC Research &amp; Technology Pvt. Ltd., Plot No. 81 &amp; 85, Village – Chikkadunnasandra, Anekal: Taluk, Off. Sarjapur – Attible State Highway, Bengaluru, Karnataka</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Electrical Testing</b>	<b>Issue Date</b>	<b>01.04.2016</b>
<b>Certificate Number</b>	<b>T-2815</b>	<b>Valid Until</b>	<b>31.03.2018</b>
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<b>S. No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
<b>I.</b>	<b>ELECTRICAL MATERIALS</b>			
<b>1.</b>	<b>Plastic Materials and Products</b>	Dielectric Breakdown Voltage and Dielectric Strength at Commercial Power Frequencies	ASTM D 149: 2009 (Rev. 2013)	Upto 10 kV 10 kV to 70 kV
		Comparative Tracking Index	ASTM D 3638: 2012	100 V to 600 V
		Flammability	UL 94: 2013, (6 <sup>th</sup> Edition) Rev. 2015	VTM-Series, V-Series, 5 VA, 5 VB, HB (Qualitative Rating)
		Glow-Wire Ignition Temperature (GWIT)	UL 746A: 2012, (6 <sup>th</sup> Edition) Rev. 2015, IEC 60695-2-13 Amd. 1: 2014	50 °C to 960 °C
		Glow-wire Flammability Index (GWFI)	UL 746A: 2012, (6 <sup>th</sup> Edition) Rev. 2015, IEC 60695-2-12 Amd-1: 2014	50 °C to 960 °C
		Burning Behaviour by Oxygen Index	ISO 4589-2: 1996/ Amd 1: 2005, ASTM D 2863: 2013	Upto 60%
		Long Term Property Evaluations Tensile Strength Izod Impact Strength Tensile Impact Strength Dielectric Strength Flammability (VTM-Series, V-Series)	UL 746B: 2013, (4 <sup>th</sup> Edition) Rev. 2014	Upto 250 MPa, Upto 500 kJ/m <sup>2</sup> , Upto 1300 kJ/m <sup>2</sup> , Upto 10 kV; 10 kV to 70 kV Qualitative

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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
	<b>Plastic Materials and Products</b>	Use in Electrical Equipment Evaluations Tensile Strength Izod Impact Strength Tensile Impact Strength Flammability (VTM-Series, V-Series)	UL 746C: 2004, (6 <sup>th</sup> Edition) Rev. 2015	Upto 250 MPa, Upto 500 kJ/m <sup>2</sup> , Up to 1300 kJ/m <sup>2</sup> , Qualitative

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