

**Laboratory** Formulated Polymers Limited-Plastics Research and Development Laboratory, No. 57-60, SIDCO Industrial Estate, Thirumazhisai, Thiruvallur District, Tamil Nadu

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

**Certificate Number** TC-8063

Page 1 of 2

**Validity** 03.11.2018 to 02.11.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
-----	----------------------------	-------------------------	---	--

**ELECTRICAL TESTING**

I.	<b>PLASTICS MATERIALS AND PRODUCTS</b>			
1.	<b>Plastics Materials and their Compounds</b>	Comparative Tracking Index	IEC 60112, Edition 4.1 (2009-2010)	Qualitative 100 V to 600 V

**Laboratory** Formulated Polymers Limited-Plastics Research and Development Laboratory, No. 57-60, SIDCO Industrial Estate, Thirumazhisai, Thiruvallur District, Tamil Nadu

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

**Certificate Number** TC-8063

Page 2 of 2

**Validity** 03.11.2018 to 02.11.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
-----	----------------------------	-------------------------	---	--

**MECHANICAL TESTING**

I.	<b>PLASTICS AND PLASTIC PRODUCTS</b>			
1.	<b>Plastics Materials and their Compounds</b>	Tensile Strength @ Break	ASTM D638 (2014), ISO-527-1 Second edition (2012)	20 MPa to 300 MPa
		Tensile Elongation @ Yield	ASTM D638 (2014), ISO-527-1 Second edition (2012)	1% to 100%
		Tensile Modulus	ASTM D638 (2014), ISO-527-1 Second edition (2012)	500 MPa to 20000 MPa
		Flexural Strength	ASTM D790 (2017), ISO-178-5 <sup>th</sup> edition (2010)	20 MPa to 400 MPa
		Flammability	UL 94, 6 <sup>th</sup> Edition (2013)	Qualitative (V0, V1, V2)
		Glow wire flammability index	IEC 60695-2-12, Edition 2.1 (2014)	100 °C to 960 °C