

Laboratory	Research & Development Laboratory, Styrolution ABS India Ltd., Poicha Road, Rania Savli, District: Baroda, Gujarat		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	09.02.2015
Certificate Number	T-3303	Valid Until	08.02.2017
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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.	Polymer Product	Izod Impact	ASTM D 256-10 ISO 180: 2000	1 kgf.cm/cm to 100 kgf.cm/cm 1 kJ/m ² to 125 kJ/m ²
		Charpy Impact	ISO 179: 10	1 kJ/m ² to 350 kJ/m ²
		Gloss @ 20 ° angle	ASTM D 2457-13	10 % to 100 %
		Gloss @ 60 ° angle		10 % to 100 %
		Gloss @ 85 ° angle		10 % to 100 %
		Tensile Strength	ASTM D 638-10/ ISO 527: 12	200 kg/cm ² to 1500 kg/cm ² 10 MPa to 180 MPa
		% Elongation	ASTM D 638-10 ISO 527: 12	0 to 500 %
		Tensile Modulus	ASTM D 638-10 ISO 527: 12	1500 kg/cm ² to 150000 kg/cm ² 150 MPa to 15000 MPa
		Flexural Strength	ASTM D 790-10 ISO 178: 11	200 kg/cm ² to 1500 kg/cm ² 10 MPa to 180 MPa
		Flexural Modulus	ASTM D 790-10 ISO 178: 11	2000 kg/cm ² to 15000 kg/cm ² 100 MPa to 18000 MPa
		Melt Flow Index	ASTM D 1238-10	1 gm/10min to 100 gm/10min

