


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>UKAS TESTING</p> <p>4517</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Orthoplastics Ltd</h3> <p>Issue No: 011 Issue date: 25 June 2020</p>	
	<p>Grove Mill Todmorden Road Bacup OL13 9EF United Kingdom</p>	<p>Contact: Miss Rebecca Field Tel: +44 (0)1706 871201 Fax: +44 (0)1706 879826 E-Mail: field@orthoplastics.com Website: www.orthoplastics.com</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PLASTICS FOR MEDICAL IMPLANTS	<u>Mechanical</u>	
	Tensile	ASTM D638-14 ASTM F648-14
	Izod Impact test	ASTM D256-10(2018) ASTM F648-14
	Compressive Modulus	ASTM D695-15 Documented In-House Method WI-TTM-061
	Poisson's Ratio	ASTM D638-14 (Annex A3) Documented In-House Method WI-TTM-061
	Small Punch Test	ASTM F2977-13
	<u>Physical properties</u>	
	Density	ASTM D1505-18
	Swell Ratio testing	ASTM F2214-16
	Morphology	ASTM F648-14 ISO 5834-5:2019
	Oxidation index	ASTM F2102-17 ISO 5834-4:2019
	Oxidation ageing	ASTM F2003-(02)15 ISO 5834-3:2019
	Differential Scanning Calorimetry (Plastics for medical implants)	ASTM F2625-10(2016)



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PLASTICS FOR MEDICAL IMPLANTS (cont'd)	<u>Chemical Tests</u> Trans Vinylene Yield (TVI)	ASTM F2381-10 (WI-TTM-028 - FTIR analyser)
END		