

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO/IEC 17025:2017	Impact Laboratories Limited Trading as Impact Solutions	
	Issue No: 037 Issue date: 07 August 2019	
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Testing performed at the above address only		

Flexible Scope

For the areas of the schedule marked with * and listed below only the laboratory is accredited to ISO/IEC17025:2005 for testing activities in accordance with the standards in the schedule. This may also include tests on the same or similar product types against standards, or customer-specified methods, that are not specifically listed in this Schedule, providing that:

- (1) The method or standard does not introduce new principles of measurement.
- (2) The method or standard does not require measurements to be made outside the parametric boundaries defined in this Schedule.

Information about flexible scopes of accreditation is available in UKAS document LAB39/EA2/15 and ILAC G18

Types of tests where the flexible scope applies

Light fastness
Weather Fastness

DETAIL OF ACCREDITATION



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>PACKAGING FOR THE TRANSPORT OF DANGEROUS GOODS</p> <p>UN Chapter 6.1 Packagings</p> <p>Boxes: Fibreboard</p> <p>Drums: Metals Plastics Fibre</p> <p>Jerricans: Metals Plastics</p> <p>Composite packaging: Plastic receptacle Plastic bags Multiwall Paper Bags</p>	<p><u>Performance Tests</u></p> <p>Drop tests (preconditioning at -18 °C (plastics))</p> <p>Stack tests (ambient temperature and 40 °C)</p> <p>Leakproofness tests Internal pressure (hydraulic) tests</p> <p>Conditioning to 23 °C/50% RH (fibreboard) as required</p> <p>Impact testing and specification checks - dimensions, thickness, weight, grammage (paper)</p>	<p>Operational Instructions for UN Test Stations issued by VCA Dangerous Goods Office under the authority of the DfT</p>
<p>THERMOPLASTICS STORAGE TANKS AND BUNDS (of polyethylene for chemicals and domestic heating oils)</p>	<p><u>Performance Tests</u></p> <p>Capacity Visual inspection Mass Wall thickness Impact resistance Elongation and deformation Pressure resistance Leak tightness Overflow</p>	<p>EN 13341:2005 + A1:2011 OFS T100:Iss 09: Aug 2015 BS EN 13575:2012</p>



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<p>PLASTIC PIPES, DUCTS AND FITTINGS</p> <p>PLASTICS & POLYMERS (including polyethylene and polyolefins)</p>	<p><u>Performance Tests</u></p> <p><u>Physical & Mechanical Tests</u></p> <p>Melt flow rate</p> <p>Density</p> <p>Absorption of, or resistance to, liquid chemicals or oils</p> <p>Tensile – modulus, yield stress and strain, strength and elongation at break. Stress intensity factor for electrofusion couplings</p>	<p>EN 13341:2005 + A1:2011 Annexes A.1 and A.2 BS EN 13575:2012 Annex B</p> <p>BS EN ISO 1133:2011</p> <p>BS EN ISO 1183-2:2004</p> <p>Documented In-House Method OP50 based on BS EN ISO 13274:2013 and BS EN ISO 23667:2007</p> <p>BS EN ISO 527-1:2012 BS EN ISO 527-2:2012 BS EN ISO 527-3:1996 ASTM D638-14 BS 2782-11:1998 Methods 1161A & 1161B BS ISO 4433-1:1997 BS ISO 4433-2:1997 ISO 4433-1:1997 ISO 4433-2:1997 ISO 6259-1:2015 ISO 6259-3:2015 BS ISO 13953:2001 ISO 13954:1997 (R08) WIS-4-32-08:April 2002:Issue 3 WIS-4-32-08:June 2016:Issue 4 BS EN 12201:2011</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PLASTICS & POLYMERS (including polyethylene and polyolefins) (cont'd)	<u>Physical & Mechanical Tests</u> (cont'd)	EN 13341:2005 + A1:2011 Annexes A.1 and A.2 BS EN 13575:2012 Annex B
	Oxidation induction time (OIT)	ASTM D3895-14 BS EN ISO 11357-6:2013
	Melting temperature	ASTM D3418-15 ASTM E2253-11 BS EN ISO 11357-3:2013
	Glass transition temperature	ASTM E1356-08 BS EN ISO 11357-2:2014
	Resistance to environmental stress cracking - Full Notch Creep Test (FNCT)	Documented In-House Method OP49 based on BS ISO 16770:2004
	Flexural Testing	ISO 178:2010+A1:2013
	Impact Testing (Charpy)	ISO 179:2010
	Impact Testing (Izod)	ISO 180:2000
	Specific Gravity (Relative Density) (Performed in a controlled environment 23°C ± 2°C. The humidity is not controlled)	ISO 1183-1:2012 (Method A) ASTM D792-13 (Method A)

END



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Accreditation for the purpose of Notified Body activity taking into account EA 2/17

Directive / Regulation	Conformity Assessment Procedure / Module / Article	Category of Products or Individual Products	Essential Requirements: Product Specification / Properties / Standards
The Construction Products Regulation (EU) No 305/2011	Annex V – Testing Laboratory (AVCP) System 3	99/472/EC Pipes, tanks and ancillaries not in contact with water intended for human consumption (1/5) : Tanks used in installations for the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the boiler/heater/cooler system(s) of the building(s).	BS EN 13341: 2005 + A1 2011

END