

GOLF

UPHOLSTERY VINYL



UPHOLSTERY

INTERNAL
MARINE

GOLF is a medium - high quality upholstery vinyl which is apart of the new generation of advanced textiles from ELT. **GOLF** does not contain any harmful substances, as well as being environmentally friendly and easy to clean. **GOLF** has been subjected to strict testing, designed to enhance the beauty, quality and functionality for both commercial and domestic applications. **GOLF** comes with a 5 year warranty which is subject to our warranty terms and conditions.

TECHNICAL SPECIFICATIONS:

Type	Upholstery Vinyl
Contains	2% Polyurethane 85% PVC 13% Polyester
Weight	600 g/m ²
Size	1.4m long x 30m
Thickness	0.7mm
Country of origin	Europe
Application	Commercial, Residential + Internal Marine
Horizontal burn test, wall + elevator	AS/NZS 3837-1998
Soft furnishings burn test	AS/NZS 1530.3-1999
Internal marine	IMO 652
Martindale Test	Passing over 40,000 cycles
Abrasion Resistance	ISO 12947 - 2 : 1998 load of 12 kPa Change in colour after 4,000 Rev. (grade) 5 ISO 12947 - 2 : 1998 load of 12 kPa Abrasion resistance after 10,000 & 20,000 Rev No abrasion of the coating, slight change in colour

(02) 4872 2252

www.eccolt.com.auwww.leatheritalia.com.au

GOLF UPHOLSTERY VINYL



Fabric Strength	ISO 5081 ; 1977	(samples width 50mm)	
- Woven Fabric-Tensile Strength (N)	Length direction	350 min	625
	Width direction	350 min	633
- Woven Fabric - Tear Strength (N)	ASTM D 2261		
	Length direction	30 min	46
	Width direction	30 min	41
Colour Fastness to Rubbing	ISO 105 - X12 : 2001		
- Dry Rubbing	Staining of cotton fabric	4 min	5
	ISO 105 - X12 : 2001		
- Wet Rubbing	Staining of cotton fabric	3 min	5
	ISO 105 – E04 : 2008		
Colour Fastness to Rubbing	ISO 105 – E04 : 2008		
- Alkal	Change in colour	4 min	5
	Staining of multifiber	3-4 min	5
- Acid	Change in colour	4min	5
	Staining of multifiber	3-4min	5

CARE INSTRUCTIONS:

Protect from direct sunlight, excessive heat and sharp objects. Clean with a damp cloth and Ph neutral cleaner. Do not soak vinyl with excessive water. Take regular care of your vinyl by removing any dust with either a vacuum cleaner or damp cloth. Avoid chemical polishes and soap.

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Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
 A.B.N 43 006 014 106
 1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
 P.O Box 240, North Melbourne, Victoria 3051
 Phone (03) 9371 2400

TEST REPORT

Client : Ecco Leather and Textiles Pty Ltd
 Building D
 60 - 66 Perry Street
 Matraville NSW 2036

Test Number : 20-003758
Issue Date : 4/08/2020
Print Date : 4/08/2020

Sample Description Clients Ref : "Golf Vinyl"

Vinly with knitted backing
 Colour : Grey,Black
 End Use : Soft Furnishing, Furniture, Seating
 Nominal Composition : 85% PVC 13% Polyester, 2% Polyurethane
 Nominal Mass per Unit Area/Density : 600g/m2
 Nominal Thickness : 0.7mm

AS/NZS 1530.3-1999

Methods for Fire Tests on Building Materials, Components and Structures
 Part 3: Simultaneous Determination of Ignitability,
 Flame Propagation, Heat Release and Smoke Release

Face tested: Face (Grey/Black)
 Date tested: 04/08/2020

	Standard Error	Mean	
Ignition time	0.63	4.12	min
Flame propagation time	Nil	Nil	sec
Heat release integral	6.1	38.5	kJ/m ²
Smoke release, log d	0.0497	-0.7123	
Optical density, d		0.2039	/ metre
Number of specimens ignited:		9	
Number of specimens tested:		9	
Regulatory Indices:			
Ignitability Index		16	Range 0-20
Spread of Flame Index		0	Range 0-10
Heat Evolved Index		1	Range 0-10
Smoke Developed Index		5	Range 0-10




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These results only apply to the specimen mounted, as described in this report. The result of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions. The reaction of thin unsupported flexible materials to flame impingement can be assessed in accordance with AS 1530.2. Where materials of thickness less than 2mm that are sufficiently flexible to be bent by hand around a mandrel of 2mm diameter or less are subjected to the test described herein, they should also be subjected to the test in AS 1530.2. Each test specimen had an unattached backing of 4.5mm thick fibre reinforced cement board. Each test specimen was restrained on the exposed face by a layer of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions and securely fixed to a backing board at four points each 100mm from the centre of the sample and the assembly clamped in four places. To allow free movement of sample during testing all corners were folded away from the clamps.

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Accredited for compliance with ISO/IEC 17025 - Testing
- Chemical Testing
- Mechanical Testing
- Performance & Approvals Testing

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: Accreditation No. 985
: Accreditation No. 1356

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TEST REPORT

Client : Ecco Leather and Textiles Pty Ltd
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Test Number : 20-003759
Issue Date : 30/07/2020
Print Date : 31/07/2020

Sample Description Clients Ref : "Golf Vinyl"

Vinyl with knitted backing
 Colour : Grey
 End Use : Wall panelling, furniture, commercial projects
 Nominal Composition : 85% PVC, 13% Polyester, 2% Polyurethane
 Nominal Mass per Unit Area/Density : 600g/m2
 Nominal Thickness : 0.7mm

AS/NZS 3837-1998

Method of Test for Heat and Smoke Release Rates for Materials and Products using an Oxygen Consumption Calorimeter

Date Tested : 30/07/2020
 Operator : AWTA Test Operator 2
 Face Tested : Face

	Specimen				
	1	2	3	Mean	
Average Heat Release Rate	58.5	57.8	57.9	58.1	kW/m ²
Average Specific extinction area	222.3	248.3	206.3	225.6	m ² /kg

(according to Specification C1.10 of the Building Code of Australia)

Test orientation : Horizontal

	Specimen				
	1	2	3	Mean	
Irradiance	50	50	50	50	kW/m ²
Exhaust flow rate	0.024	0.024	0.024	0.024	m ³ /s
Time to sustained flaming	5	5	6	5	sec
Test duration	228	235	233	232	sec
Peak heat release after ignition	192.0	220.8	201.0	204.6	kW/m ²
Average heat at 60 s	124.1	131.5	127.0	127.5	kW/m ²

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	Specimen				
	1	2	3	Mean	
Average heat at 180 s	68.1	69.2	68.4	68.5	kW/m ²
Average heat at 300 s	n/a	n/a	n/a	n/a	kW/m ²
Total heat released	13.0	13.3	13.1	13.1	MJ/m ²
Average effective heat of combustion	9.4	9.2	9.0	9.2	MJ/kg
Initial thickness	11	11	11	11.0	mm
Initial mass	63.8	63.8	64.0	63.9	g
Mass remaining	52.4	52.2	52.1	52.2	g
Mass percentage pyrolysed	17.9	18.1	18.6	18.2	%
Mass loss	1.4	1.4	1.5	1.4	kg/m ²
Average rate of mass loss	6.3	6.2	6.5	6.3	g/m ² .s
Additional Observations	None				
Difficulties Encountered during Testing	None				

These test results relate only to the behaviour of the product under the conditions of the test, they are not intended to be the sole criterion for assessment of performance under real fire conditions. The results of these fire tests may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of the fire hazard under all fire conditions. Samples were loose laid onto a substrate of 10mm thick plasterboard prior to testing. Tests were conducted with a wire grid placed over the sample during testing .

This was done to contain intumescent sample within the sample holder.



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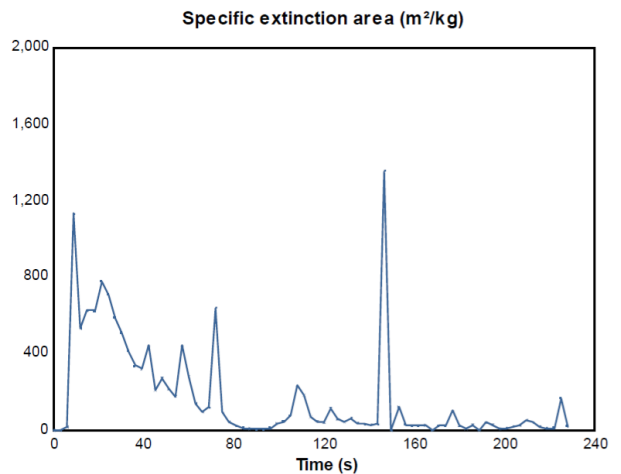
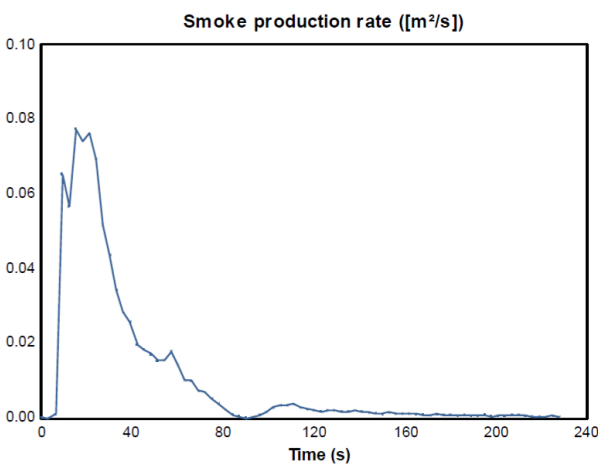
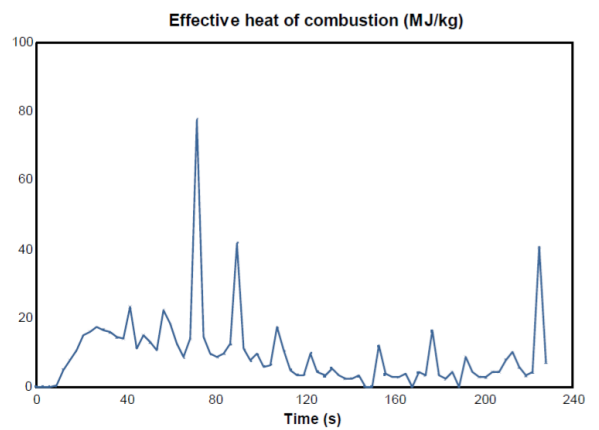
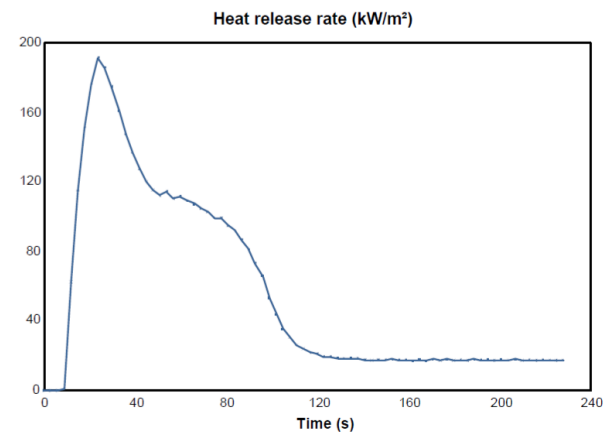
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Specimen : 1



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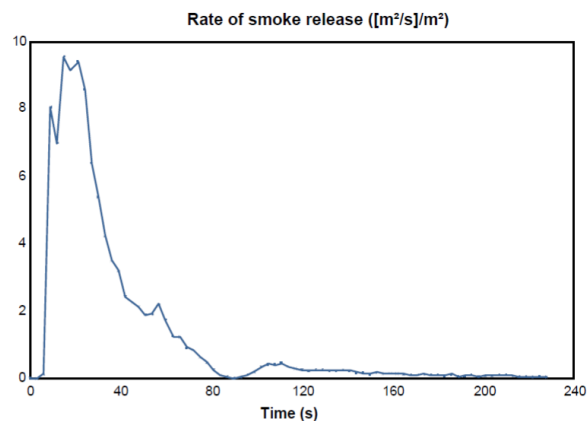
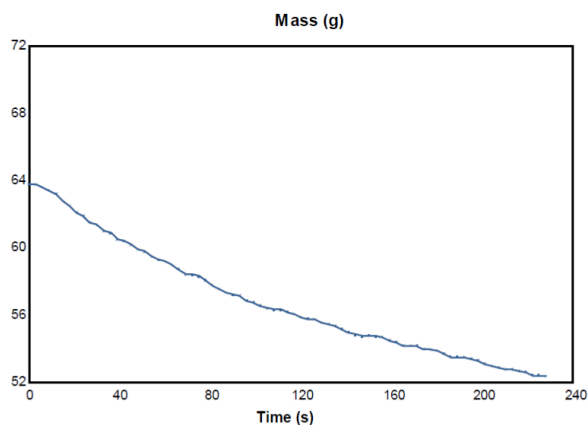
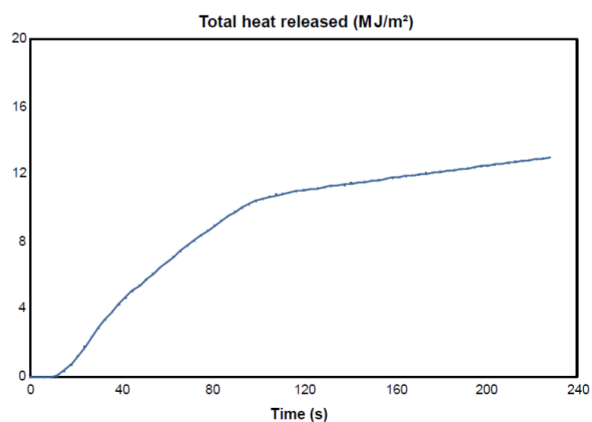
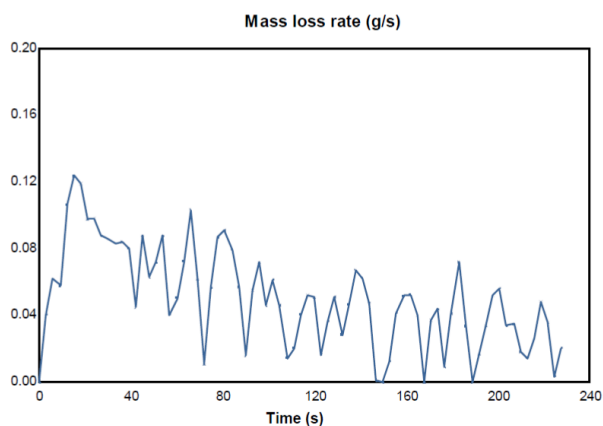
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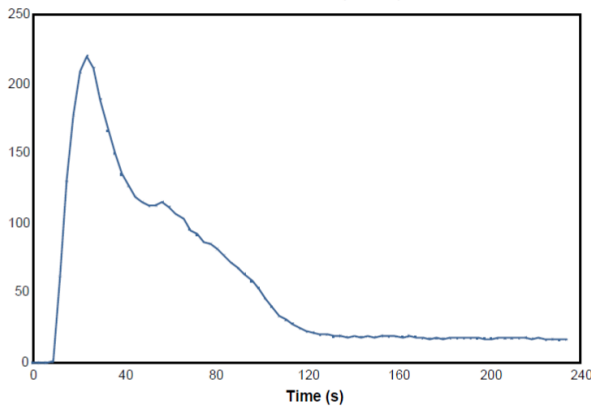
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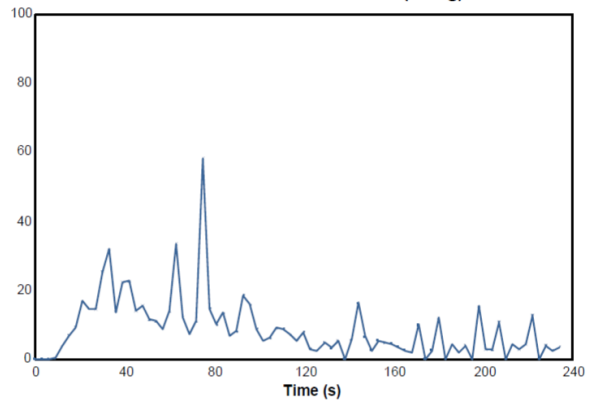
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Specimen : 2

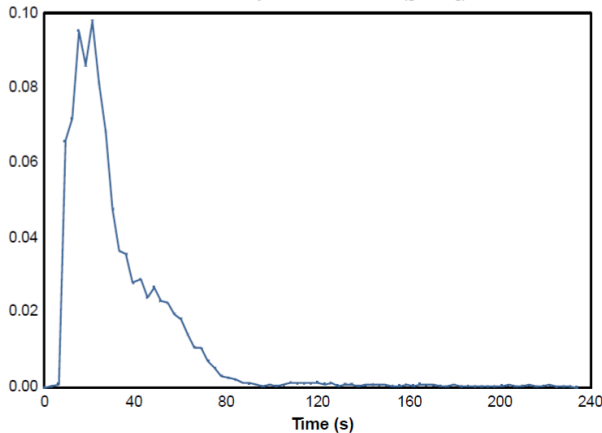
Heat release rate (kW/m²)



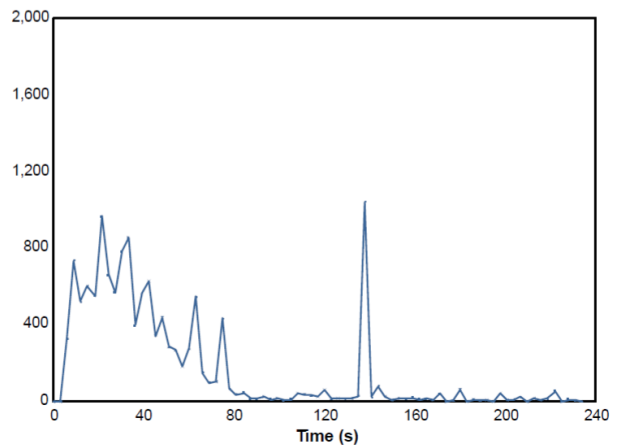
Effective heat of combustion (MJ/kg)



Smoke production rate ([m²/s])



Specific extinction area (m²/kg)



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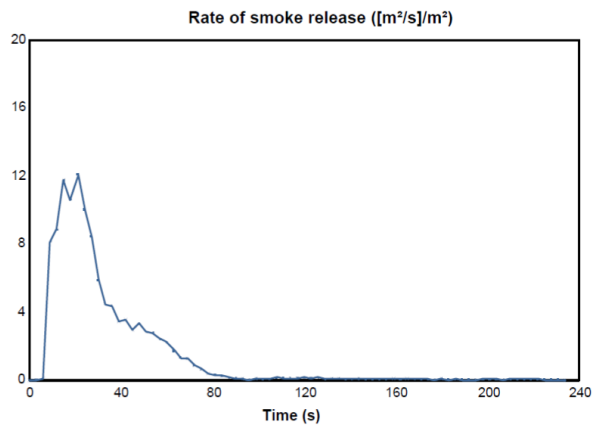
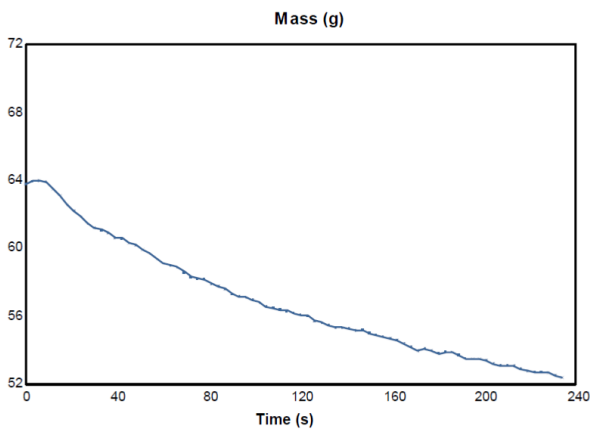
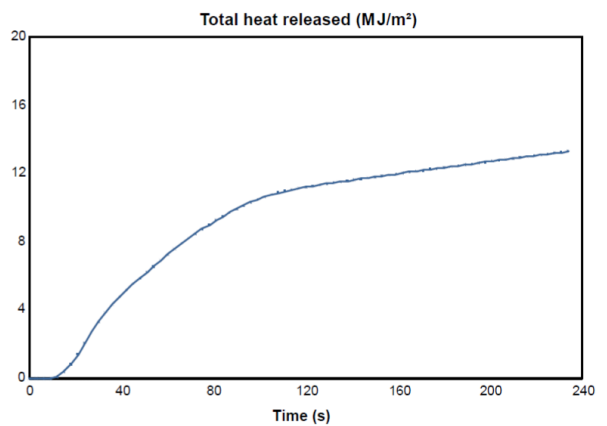
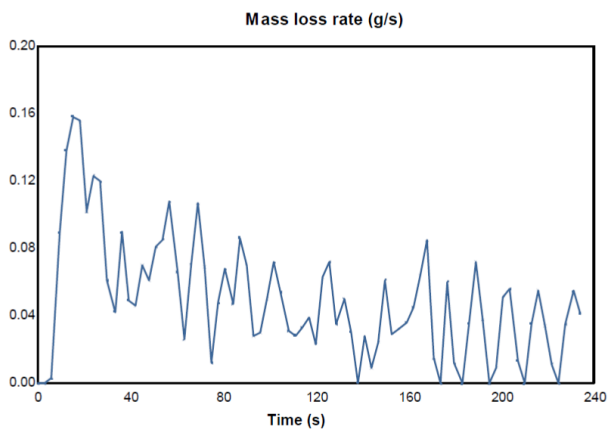
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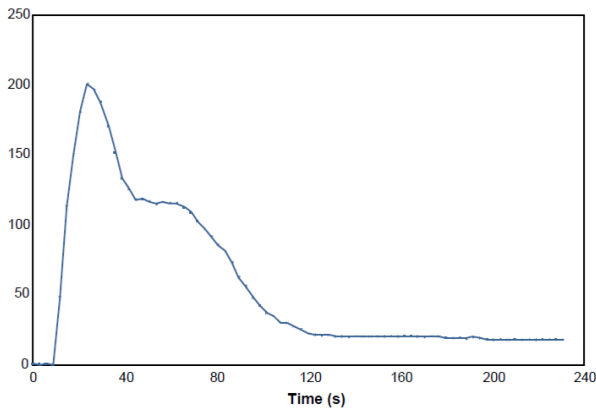
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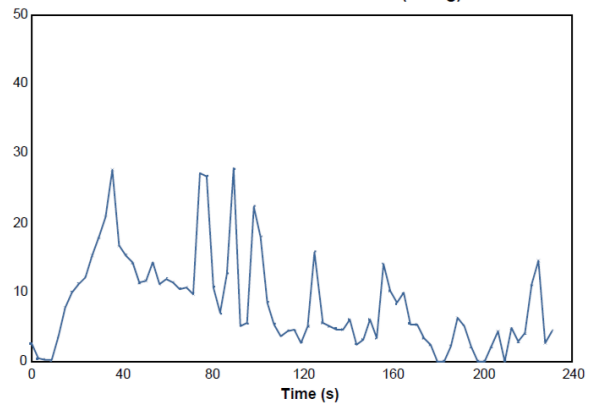
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Specimen : 3

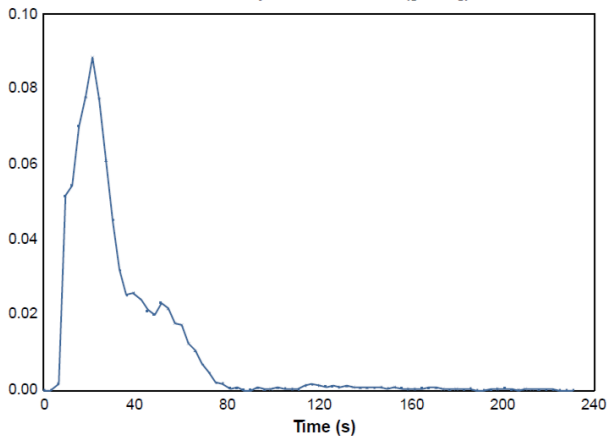
Heat release rate (kW/m²)



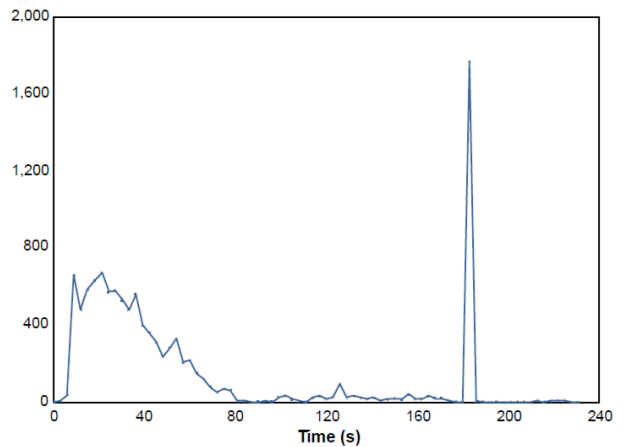
Effective heat of combustion (MJ/kg)



Smoke production rate ([m²/s])



Specific extinction area (m²/kg)



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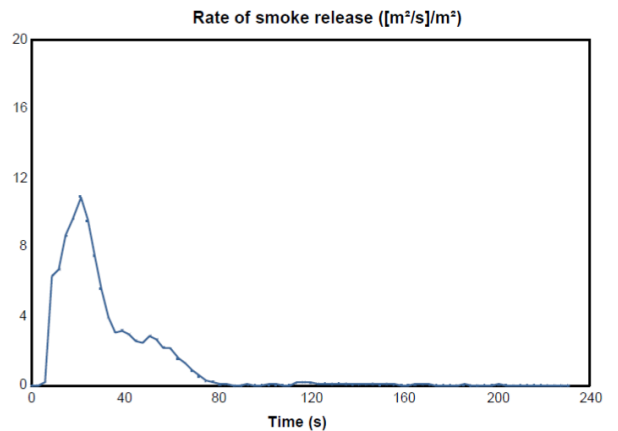
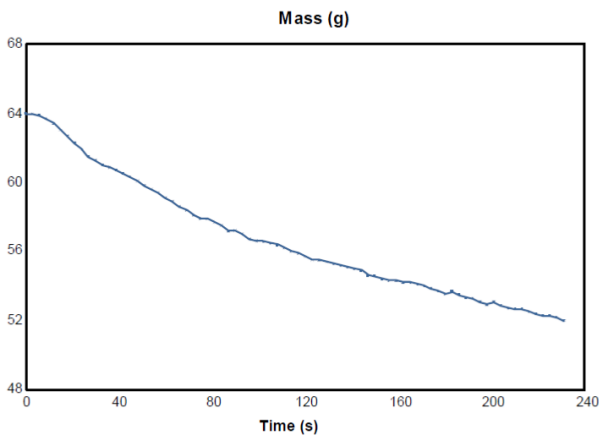
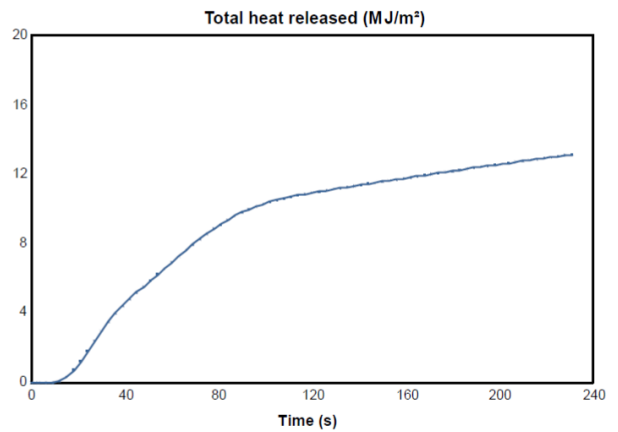
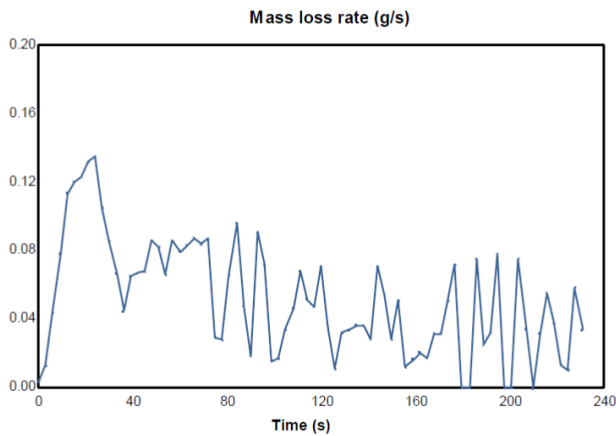
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