

Technical Report

Test Report Summary



Client: DuPont Australia Ltd
168 Walker Street
North Sydney NSW 2060

Test Number: 7-443457
Date: 07-12-1992

Australian Standard 1530.3.1989 AMDT No 1 Apr 92

Simultaneous determination of ignitability, flame propagation, heat release and Smoke release.

Sample Description

Clients Reference: Corian 6mm
Decorative Bench Top Material
Colour: Sierra

These results must be considered in conjunction with the comments on the following page(s).

Material Specification Provided by Client:

Nom comp: Mineral filled polymethyl methacrylate
Nom Thickness: 6mm

RESULTS		
	MEAN	STANDARD ERROR
Ignition Time	5.52 Min	0.09
Flame Propagation Time	N/A S	N/A
Heat Release Integral	70.7 KJ/M ²	2.1
Smoke Release, Log D	-2.0841	0.0554
Optical Density, D	0.0086 /m	
Number of Specimens Ignited	6	
Number of Specimens Tested	6	
REGULATORY INDICES		
Ignitability Index	14	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	2	Range 0-10
Smoke Developed Index	1	Range 0-10

Comments

The results 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.

Each test specimen was clamped in four places.

Technical Report

Test Report Summary



Client: DuPont Australia Ltd
44342
168 Walker Street
North Sydney NSW 2060

Test Number: 7-
Date: 07-12-1992

Australian Standard 1530.3.1989 AMDT No 1 Apr 92

Simultaneous determination of ignitability, flame propagation, heat release and Smoke release.

Sample Description

Clients Reference: Corian 13mm
Decorative Bench Top Surface
Colour: Sierra

These results must be considered in conjunction with the comments on the following page(s).

Material Specification Provided by Client:

Nom comp: Mineral filled polymethyl methacrylate
Nom Thickness: 13mm

RESULTS		
	MEAN	STANDARD ERROR
Ignition Time	7.31 Min	0.19
Flame Propagation Time	N/A S	N/A
Heat Release Integral	44.1 KJ/M ²	1.6
Smoke Release, Log D	0.0	0.0
Optical Density, D	0.0 /m	
Number of Specimens Ignited	6	
Number of Specimens Tested	6	
REGULATORY INDICES		
Ignitability Index	13	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	1	Range 0-10
Smoke Developed Index	0-1	Range 0-10

Comments

The results 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.

Each test specimen was clamped in four places.

Smoke developed index is reported as 0-1 due to the inability of the smoke measurement equipment to resolve an index of zero.

Technical Report Test Report Summary



Client: DuPont Australia Ltd
168 Walker Street
North Sydney NSW 2060

Test Number: 7-443422
Date: 07-12-1992

Australian Standard 1530.3.1989 AMDT No 1 Apr 92

Simultaneous determination of ignitability, flame propagation, heat release and Smoke release.

Sample Description

Clients Reference: Corian 13mm
Decorative Bench Top Material
Colour: Solid

These results must be considered in conjunction with the comments on the following page(s).

Material Specification Provided by Client:

Nom comp: Mineral filled polymethyl methacrylate
Nom Thickness: 13mm

RESULTS		
	MEAN	STANDARD ERROR
Ignition Time	9.19 Min	0.19
Flame Propagation Time	N/A S	N/A
Heat Release Integral	44.9 KJ/M ²	2.0
Smoke Release, Log D	-2.0632	0.0604
Optical Density, D	0.0090 /m	
Number of Specimens Ignited	6	
Number of Specimens Tested	6	
REGULATORY INDICES		
Ignitability Index	11	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	1	Range 0-10
Smoke Developed Index	1	Range 0-10

Comments

The results of this fire test may be used 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.

Each test specimen was clamped in four places.