



TÜV SÜD America Inc.

Product Safety Services

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IPEMA Surfacing Material Report – ASTM F1292-09

Client: International Mulch
Manufacturer: International Mulch
Manufacturing Location: Bridgeton, MO

TUV Report No.: QI1009391
Report Date: 10/29/2010
Test Date: 10/27 & 10/29/2010
Initial Test
Follow up Test Ref Job:
Sample Receipt Date: 10/20/2010
Selection Date: N/A
Ambient Air Temperature: 22.8°C
Humidity: 39%

Phone: 314-336-1030
Commercial Name of product: Rubberific (Loose Fill Rubber)
Sample Selection: Yes: No: X
Date of Manufacture: Unknown
No. of samples submitted: 10 Cu. Ft.

Test Equipment:

Triax 2000 Accelerometer Calibration Due Date: Nov-10
Temperature Probe Calibration Due Date: Jan-11

Environmental Chamber No.: PLYP00101
Calibration Due Date: 8/18/11
Environmental Chamber No.: PLYP00069
Calibration Due Date: 8/18/11

Loose fill Material Sample Description:

Loose Fill Wood: Un-compacted Depth: 5 Inches
Engineered Wood Fiber:
Loose Fill Rubber:
Sand: Compacted Depth: 4 Inches
Gravel:
Other:

Unitary Sample Description: N/A

Tiles Thickness:
Poured in Place Thickness:
Other Thickness:

Comments:

The above described sample was tested at : 6 Ft.

The results reported herein reflect the performance of the above described samples at the time of testing and at the temperature(s) reported. The results are specific to the described samples. Samples of surfacing materials that do not closely match the described samples will perform differently. The following data sheet provides an accurate representation of the test results.

Sample in compliance with ASTM F1292-09 at the temperature and rating specified? Yes No

Signature: 

Date: 10/29/2010

Reviewed by: 

Date: 11/1/10

Client: International Mulch

TUV Report No. QI1009391

Manufacturer: International Mulch

Test Date: 10/27 & 10/29/2010

Drop	Specified Drop Height (Ft.)	Reference Temperature -6°C, (21.2°F)			Reference Temperature 23°C,(73.4°F)			Reference Temperature 49°C,(120.2°F)		
		G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)
1	6	107	501	19.6	105	482	19.7	105	481	19.6
2	6	122	553	19.8	116	529	19.9	122	605	19.8
3	6	133	616	19.8	143	747	19.9	139	738	19.8
Average		127.5	584.5		129.5	638		130.5	671.5	
Measured Surface Temperature		(-6°C)	Max. Change from reference + 5°C ,(9°F)		24°C	Max. Change from reference ± 3°C ,(5.4°F)		48°C	Max. Change from reference (-3°C),(-5.4°F)	
Sample Condition:		DRY			DRY			DRY		

Drop	One foot over (Ft.)	Reference Temperature -6°C, (21.2°F)			Reference Temperature 23°C,(73.4°F)			Reference Temperature 49°C,(120.2°F)		
		G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)
1	N/A									
2										
3										
Average		0	0		0	0		0	0	
Measured Surface Temperature		°C	Max. Change from reference + 5°C ,(9°F)		°C	Max. Change from reference ± 3°C ,(5.4°F)		°C	Max. Change from reference -3°C),(-5.4°F)	
Sample Condition:										

Drop	One foot under (Ft.)	Reference Temperature -6°C, (21.2°F)			Reference Temperature 23°C,(73.4°F)			Reference Temperature 49°C,(120.2°F)		
		G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)
1	N/A									
2										
3										
Average		0	0		0	0		0	0	
Measured Surface Temperature		°C	Max. Change from reference + 5°C ,(9°F)		°C	Max. Change from reference ± 3°C ,(5.4°F)		°C	Max. Change from reference -3°C),(-5.4°F)	
Sample Condition:										

