

CUSTOMER REFERENCE

PET 34 FR

Sample description as provided by customer
Mass/unit area **34 oz/yd²**
Construction Details **Tufted** Secondary Backing **Synthetic**
Style **Cut Pile**

Order No. **DT**
Pile Fibre Content **100% PET**
Colour **Fawn**
Pile Height / mm

TEST METHOD AS/ISO 9239.1 2003 Reaction To Fire Tests For Floorings Part 1 Determination of the Burning Behaviour Using a Radiant Heat Source. As required by specification C1.10a of the Building Code of Australia.

Tested in accordance with the Carpet Institute Code of Practice for AS/ISO 9239 Testing Version 10 / 0805.

The test values relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use. Clause 9 of AS/ISO 9239 Part 1.

Conditioning as specified in BS EN 13238:2001

Sample submitted Date **April 2012**

Test Date **27 Apr 2012**

ASSEMBLY SYSTEM: OVER UNDERLAY DUNLOP GOVERNMENT RED

The UNDERLAY used was **DUNLOP GOVERNMENT RED**.

Substrate: Non-Combustible

Substrate - 6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring.

The Holding Torque on Specimen Frame was 2Nm.

Initial Test Specimen 1 Length Direction Critical Radiant Flux **1.7 kW/m²**
Specimen 1 Width Direction Critical Radiant Flux **1.6 kW/m²**
Full tests carried out in the **Width** Direction


SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	1.6	1.6	1.7	1.6
Smoke Development Rate (%.min)	375	472	388	412

The values quoted below are as required by Specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia. The Critical Radiant Flux quoted is the value at Flame-Out/Extinguishment (BCA General Provisions A1.1).

MEAN CRITICAL RADIANT FLUX 1.6 kW/m²

MEAN SMOKE DEVELOPMENT RATE 412 percent-minutes


OBSERVATIONS: The samples shrunk away from the heat source, ignited and burnt.



M. B. Webb
Technical Manager

DATE: 27 Apr 2012

Measurement Science & Technology No. 15393
Accredited for compliance with ISO/IEC 17025.



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This Page (1) has been designed to show the values required under Specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia.

The values on Page 2 have no relevance to the Code.

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