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To: Lxl [lxl@suke-china.cn] – Suke-China

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Federal Motor Vehicle Safety Standard No. 302; CFR-49-571-302

Durethan® M25S
Natural

Dear Madam, Sir,

The Code of Federal Regulations (USA), Title No. 49 (Transportation), Part No. 571 (FEDERAL MOTOR VEHICLE SAFETY STANDARDS (FMVSS)), Standard No. 302 (Flammability of interior materials), describes a method regarding flammability testing of interior materials.

The technically equivalent ISO 3795 (ROAD VEHICLES AND TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY – DETERMINATION OF BURNING BEHAVIOUR OF INTERIOR MATERIALS) specifies a method for determining the horizontal burning rate of materials used in the occupant compartment of road vehicles (such as estate cars, coaches, passenger cars and lorries/trucks) and of tractors and machinery for agriculture and forestry, after exposure to a small flame. ISO 3795 allows testing of materials and parts of the vehicle interior equipment individually or in a combination up to a thickness of 13 mm. This method is used to assess the uniformity of production lots of such materials in relation to their burning behavior.

Based on flammability tests according to FMVSS 302 as well as to the technical equivalent ISO 3795 (1989-10; R2013) conducted on comparable products, the above mentioned grade, to the best of our knowledge, will meet the requirements of the flammability test and the burn rate will be <100 mm/min at a thickness of 1 mm or above.

Further technical equivalents to CFR-49-571-302 (2022-10), FMVSS 302 and ISO 3795 (1989-10; R2019) are: ASTM D5132 (2011-02), AESTM0500, BMW GS 97038 (2016-03), DIN 75200 (2013-06), Fiat 7-G2000 (2004-04), Ford FLTM 24-2 (2001-09), GB 8410 (2006-01), General Motors GMW 3232 (2024-08), Mercedes Daimler DBL 5307 (2022-11), Hyundai-Kia MS 300-08 (2014-08), Nissan NES M0094 (2015-02), PSA-D451333 (2013-02), Toyota TSM-0500G (2010-10), Volkswagen TL1010 (2025-02), VW PV 3904 (2017-11), Volvo STD-5031, 19 (2004-08), Volvo STD-5031, 1 (2007-01) and Volvo STD-140-0001 (2012-12).

Hoping to have been of service to you.
Sincerely yours,

Ron Jensz
Sr. Expert Global Regulatory Affairs
Envalior B.V.

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