

1. Fire behaviour of MonoPan®, unpainted

The fire behaviour of MonoPan® is mainly determined by the polypropylene material content. Hence the classification “normal flammability” is the best achievable without the use of flame retardants. Therefore MonoPan is classified as “normally flammable” **B2** or in some cases B3 “easily flammable” **according to DIN 4102.**

Procedure: Burn rate test according to DIN 4102 – B2
Test result: „The component 20-MonoPan® PP80 TN 0.7, panel thickness 20 mm, fulfils the requirements of DIN 4102 – B2.“
Test class: B2
Laboratory: Ostthüringische Materialprüfungsgesellschaft für Textil und Kunststoffe mbH
(DAR – accreditation, Reg.-Nr. DAP-P-01,397-00-97-01)

2. General test of plastics, Standard Paint

Testing of the burn behaviour of MonoPan® with standard paint (12.12.2002)
A standard painted MonoPan® meets the criteria of not easily flammable materials, material class F1 according to DIN 53438-T3.

Procedure: Flaming of surface with burner according to DIN 53438-T3
Test result: „The tip of the flame from the burning specimen does not reach the gauge mark (the test specimen is self extinguishing before reaching the mark).“
Test class: F1
Laboratory: Ostthüringische Materialprüfungsgesellschaft für Textil und Kunststoffe mbH
(DAR – accreditation, Reg.-Nr. DAP-P-01,397-00-97-01)

For applications, treatment and storage please pay attention to the „Technical Data Sheet“ of the manufacturer.

The specifications in this data sheet represent the current state of our technical knowledge and its purpose is to inform about MonoPan® and its applications. The specifications therefore do not guarantee particular properties or suitability for a specific application. We reserve the right to make changes in accordance with technological processes and other developments. We guarantee faultless quality in accordance with our conditions of sale.