



6481 black (f2)

File Number: E182771

Yellow Card® 

COMPANY

HENKEL AG & CO KGAA

Henkelstrasse 67
Dusseldorf, 40589 Germany

MODEL INFO

Technomelt PA: 6481 black (f2)

Polyamide (PA), furnished as granular material
(f2) – Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL.

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
1.0 mm, Color: BK	V-2	
1.2 mm, Color: BK	V-2	
2.0 mm, Color: BK	V-2	
3.0 mm, Color: BK	V-2	
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10

1.0 mm, Color: BK	V-2
1.2 mm, Color: BK	V-2
2.0 mm, Color: BK	V-2
3.0 mm, Color: BK	V-2

ELECTRICAL PROPERTIES	VALUE	TEST METHOD
Hot-wire Ignition (HWI)		UL 746A
1.0 mm	PLC 4	
1.2 mm	PLC 4	
2.0 mm	PLC 4	
3.0 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746A
1.0 mm	PLC 2	
1.2 mm	PLC 2	
2.0 mm	PLC 2	
3.0 mm	PLC 2	
Comparative Tracking Index (CTI)	PLC 0	UL 746A

THERMAL PROPERTIES	VALUE	TEST METHOD
Relative Thermal Index - Electrical Strength		UL 746B
1.0 mm	65 °C	

1.2 mm	65 °C
2.0 mm	65 °C
3.0 mm	65 °C
Relative Thermal Index - Mechanical Impact	
UL 746B	
1.0 mm	65 °C
1.2 mm	65 °C
2.0 mm	65 °C
3.0 mm	65 °C
Relative Thermal Index - Mechanical Strength	
UL 746B	
1.0 mm	65 °C
1.2 mm	65 °C
2.0 mm	65 °C
3.0 mm	65 °C

PHYSICAL PROPERTIES	VALUE	TEST METHOD
UV Exposure & Water Immersion	f2	UL 746C

Report Date: 2012-02-08
Revision Date: 2016-11-18

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"