

Yellow Card search (UL Product iQ)

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Yellow Card
search

3. Search window

UL Product iQ™

REFINE RESULTS
Build or filter your results by keyword and/or adding criteria like document type, file number and country name.

Search Template: Plastics (QMFZ2 Yellow Card)

- Keyword**
Filter by Keyword Search
- Model**
- File Number**
 x
- Tradename**
- Generic**
Generic Type
- Specific Generic**
- Location**
- Company Name**
 x
- UL Mark**
- UV Exposure & Water Immersion**

Dashboard / Search

▶ 270 Results :: Base Template: Plastics (QMFZ2 Yellow Card) :: Tradename: Iupilon :: File Number: E41179 :: Company Name: MITSUBISHI ENGINEERING-PLASTICS CORP

Action ▾ Display: General ▾

Document Name ⇅	Company Name ⇅	File Number ⇅	Color	Min. Thick (mm)	Flame Class	HWI	HAI	CTI	RTI Elec (°C)
DS32(a4)IV+	MITSUBISHI ENGINEERING-PLASTICS CORP	E41179	ALL	0.40	V-2	4	1	3	80
			ALL	0.75	V-2	3	1	3	130
			ALL	1.5	V-2	3	1	3	130
			ALL	3.0	V-2	2	0	3	130
DSH3002+	MITSUBISHI ENGINEERING-PLASTICS CORP	E41179	NC, WT	0.75	HB	--	--	--	80
			NC, WT	3.0	HB	--	--	--	80
			NC, WT	6.4	HB	--	--	--	80
E-1000+, E-1001+, E-1003+	MITSUBISHI ENGINEERING-PLASTICS CORP	E41179	ALL	1.5	HB	3	0	2	125
			ALL	3.0	HB	3	0	2	125
			ALL	6.0	HB	0	0	2	125
E-2000(&4)(f1), E-2001(&4)(f1), E-2003(&4)(f1)	MITSUBISHI ENGINEERING-PLASTICS CORP	E41179	ALL	0.50	HB	0	0	2	80
			ALL	1.5	HB	3	0	2	125
			ALL	3.0	HB	3	0	2	125
			ALL	6.0	HB	0	0	2	125
ECF20(cc)+	MITSUBISHI ENGINEERING-PLASTICS CORP	E41179	BK	0.8	V-2	--	--	--	80
			BK	1.5	V-0	--	--	--	80
			BK	3.0	V-0	--	--	--	80
ECF2008K+	MITSUBISHI ENGINEERING-PLASTICS CORP	E41179	BK	0.75	V-2	--	--	--	80
			BK	1.5	V-1	--	--	--	80
			BK	3.0	V-0	--	--	--	80
ECGV1020R	MITSUBISHI ENGINEERING-PLASTICS CORP	E41179	NC	0.4	HB	--	--	--	80
			NC	0.8	V-2	--	--	--	80
			NC	3.0	V-1	--	--	--	80
ECGV2010R	MITSUBISHI ENGINEERING-PLASTICS CORP	E41179	NC, BK	0.40	HB	--	--	--	80
			NC, BK	0.8	V-2	--	--	--	80
			NC, BK	3.0	V-1	--	--	--	80

Enter search information

Results

Yellow Card, example (Iupilon™ S-3000V)

UL Product iQ™

[Dashboard](#) / [Search](#) / [S-3000V+\(f1\)](#), [S-3001V+\(f1\)](#), [S-3003V+\(f1\)](#) | UL Product iQ

S-3000V+(f1), S-3001V+(f1), S-3003V+(f1)

DETAILS

File No.: [E41179](#)

UL Category: [QMFZ2.q](#)
[QMFZ8.q](#)

Document Type: Product

RESOURCES

- [UL Confirmation Letter](#)
- [View Classic Yellow Card](#)
- [Find Linked Technical Datasheets in Prospector](#)
- [Guide Info \(QMFZ2\)](#)
- [Guide Info \(QMFZ8\)](#)

TAGS

Add Tag

Document [Company Information](#)

File Number: E41179

COMPANY

MITSUBISHI ENGINEERING-PLASTICS CORP
ENVIRONMENT & QUALITY ASSURANCE DEPT
SHIODOME SUMITOMO-BLDG 25TH FL
1-9-2 HIGASHI-SHINBASHI
MINATO-KU, TOKYO 105-0021 Japan

MODEL INFO

S-3000V+(f1), S-3001V+(f1), S-3003V+(f1)

Polycarbonate (PC), unreinforced, furnished as pellets

(f1) – Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

+ – Suffix optional, exceptions: The following cannot be used as optional suffixes: "NF" for grade NXG5050, "N" for grade NXG5030, "N" for grade MB2112+, "S1" for grade F20-54, "V" for grades S-2000+(f1), S-2001+(f1), S-2003+(f1)

FLAMMABILITY PROPERTIES

VALU

Flammability

0.38 mm, Color: ALL

V-

1.5 mm, Color: ALL

V-

3.0 mm, Color: ALL

V-

ISO/IEC FLAMMABILITY PROPERTIES

VALU

Flammability

0.38 mm, Color: ALL

V-

1.5 mm, Color: ALL

V-

3.0 mm, Color: ALL

V-

ELECTRICAL PROPERTIES

VALU



Hot-wire Ignition (HWI)

Appendix 1: Previous (old) format of Yellow Card search

S-3000V+(f1), S-3001V+(f1), S-3003V+(f1)

DETAILS

File No.: [E41179](#)

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[QMFZ8](#) 

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File Number: E41179

COMPANY

MITSUBISHI ENGINEERING-PLASTICS CORP
ENVIRONMENT & QUALITY ASSURANCE DEPT
SHIODOME SUMITOMO-BLDG 25TH FL
1-9-2 HIGASHI-SHINBASHI
MINATO-KU, TOKYO 105-0021 Japan

MODEL INFO

S-3000V+(f1), S-3001V+(f1), S-3003V+(f1)
Polycarbonate (PC), unreinforced, furnished as pellets
(f1) – Suitable for outdoor use with respect to exposure to Ultravi
+ – Suffix optional, exceptions: The following cannot be used as c
S-2000+(f1), S-2001+(f1), S-2003+(f1), the last letter "L" for grade

Appendix 2: Previous (old) example (Iupilon™ S-3000V)

Guide Information

MITSUBISHI ENGINEERING-PLASTICS CORP

ENVIRONMENT & QUALITY ASSURANCE DEPT, SHIODOME SUMITOMO-BLDG 25TH FL, 1-9-2 HIGASHI-SHINBASHI, MINATO-KU TOKYO 105-0021 JP

S-3000V+(f1), S-3001V+(f1), S-3003V+(f1)

Polycarbonate (PC), unreinforced, furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	0.38	V-2	-	-	80	80	80
	1.5	V-2	3	0	125	115	125
	3.0	V-2	3	0	125	115	125

Comparative Tracking Index (CTI): 2

Dielectric Strength (kV/mm): 20

High-Voltage Arc Tracking Rate (HVTR): 0

Dimensional Stability (%): 0

Inclined Plane Tracking (IPT) kV: -

Volume Resistivity (10^x ohm-cm): 7

Surface Resistivity (10^x ohms/square): -

High Volt, Low Current Arc Resis (D495): 5

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

+ - Suffix optional, exceptions: The following cannot be used as optional suffixes: "NF" for grade NXG5050, "N" for grade NXG5030, "N" for grade MB2112+, "S1" for grade F20-54, "V" for grades S-2000+(f1), S-2001+(f1), S-2003+(f1), the last letter "L" for grade CFH2520+, "W" for ELV2010 included in Grade ELV20(a5)+.

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

Report Date: 1992-10-01

Last Revised: 2021-06-01

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IEC and ISO Test Methods

Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.38	V-2 (ALL)
			1.5	V-2 (ALL)
			3.0	V-2 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	-	-
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	°C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	°C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-1	kJ/m ²	-	-