
PTL

Range of PTL compounds for heat-shrinkable products

荷兰 PTL 公司热缩复合材料系列产品



INHOL BV
Zuidergracht 12
NL-3763 LV Soest
The Netherlands

PO Box 2026
NL-3800 CA Amersfoort
The Netherlands

Phone:(+) 31 35 6033 234
Fax :(+) 31 35 6033 235

e-mail : office@inhol.com
website : www.inhol.com

Polyolefin

聚烯烃

Electronics, industrial, military, navy, automotive
电子，工业，军事，海军，汽车

Compound type 复合材料类型	Polymer 材质	(1) Short description; (2) Specifications which can be met (3) applications (1) 基本特性; (2) 符合标准; (3) 应用领域
A1-M ; A1-I	Polyolefin 聚烯烃	(1) Transparent, non flame-retarded, 125 C operating temperature. (3) Electronics, industrial, general purpose (1) 透明, 不阻燃, 最大适用温度 125C, (3) 电子, 工业, 通用。
A2-I ; A2-I	Polyolefin 聚烯烃	(1) Non-flame retarded, 125 C operating temperature, 90 C shrink temperature (3) Electronics; industrial; general purpose (1) 不阻燃, 最大适用温度 125C, 收缩温度 90C。 (3) 电子, 工业, 通用。
B1-I	Polyolefin 聚烯烃	(1) Halogenfree, flame-retarded, 125 C operating temperature (3) Electronics, building, shipbuilding, railways, mass-transit (1) 无卤, 阻燃, 最大适用温度 125C, (3) 电子, 建筑, 造船, 铁路, 大容量传输。
C2-DE-I ; C2-DE-M	Polyolefin 聚烯烃	(1) Commercial, highly flame-retarded, 135 C operating temperature, 90 C shrink temperature (2) UL 224 VW-1 ; AMS-DTL 23053/5 class 1 and 3; AMS-DTL-23053/4 class 2 and 3 (3) Electronics, industrial, military, navy, automotive. (1) 经济型, 强阻燃性, 最大适用温度 135C, 收缩温度 90C, (2) UL 224 VW-1 ; AMS-DTL 23053/5 class 1 and 3; AMS-DTL-23053/4 class 2 and 3 (3) 电子, 工业, 军事, 海军, 汽车。
C2-I ; C2-M	Polyolefin 聚烯烃	(1) High grade, highly flame-retarded, 135 C operating temperature 90 C shrink temperature, excellent printability (2) UL 224 VW-1 ; AMS-DTL 23053/5 class 1 and 3; AMS-DTL-23053/4 class 2 and 3 (1) 高性能, 强阻燃性, 最大适用温度 135C, 收缩温度 90C, 印制性能优。 (2) UL 224 VW-1 ; AMS-DTL 23053/5 class 1 and 3; AMS-DTL-23053/4 class 2 and 3

(*) Footnote:

.... - M = Moisture crosslinkable compound (Silane grafted)

.... - I = Radiation crosslinkable

(*) 脚注:

.... - M = 湿交联复合材料 (硅烷接合的)

.... - I = 辐射交联

Elastomer, fluoropolymer

合成橡胶, 氟聚合物

Military, aerospace, navy, automotive, chemical industry

军事, 航天航空, 海军, 汽车, 化工

D1-I	Elastomer 合成橡胶	(1) High grade, excellent fluid resistance, 121 C operating temperature (2) AMS-DTL-23053/1 class 2 (3) Military, navy, shipbuilding, off-shore. (1) 高性能, 流体阻力极佳, 最大适用温度 121C。 (2) AMS-DTL-23053/1 class 2 (3) 军事, 海军, 造船, 近海勘探。
D2-I	Elastomer 合成橡胶	(1) High grade, superb resistance against automotive and other fluids, 150 C operating temperature (2) AMS-DTL-23053/16; VG 95343 Part 5 Type D; DEF-STD 59-97 Iss. 3 Type 6B (3) Military, aerospace, navy, automotive, industrial, cable harnesses (1) 高性能, 流体阻力极佳, 最大适用温度 150C。 (2) AMS-DTL-23053/16; VG 95343 Part 5 Type D; DEF-STD 59-97 Iss. 3 Type 6B 军事, 航天航空, 海军, 汽车, 工业, 电缆导线。
D3-I	Fluoropolymer 氟聚合物	(1) Transparent, highly flame-retarded, semi-rigid, 175 C operating temperature (2) UL 224-VW-1 ; AMS-DTL 23053/8 ; AMS-DTL 23053/18 class 1 ; VG 95343 part 5 Type F ; FDA-USP VI (3) Military, aerospace, navy, chemical industry, industrial (1) 透明, 高阻燃, 半硬, 最大适用温度 175C。 (2) UL 224-VW-1 ; AMS-DTL 23053/8 ; AMS-DTL 23053/18 class 1 ; VG 95343 part 5 Type F ; FDA-USP VI (3) 军事, 航天航空, 海军, 化工, 工业。
D4-I	Flexible Fluoropolymer 柔性氟聚合物	(1) Transparent, highly flame-retarded, flexible, 150 C operating temperature (2) UL 224-VW-1 ; AMS-DTL 23053/18 class 2 ; (3) Military, aerospace, navy, chemical industry, industrial (1) 透明, 高阻燃, 柔软, 最大适用温度 150C。 (2) UL 224-VW-1 ; AMS-DTL 23053/18 class 2 ; (3) 军事, 航天航空, 海军, 化工, 工业。
D5-I	Fluorelastomer 氟橡胶	(1) Black, highly flame-retarded, superb chemical resistance, 200 C operating temperature (2) AMS-DTL-23053/13; VG 95343 Part 5 Type E; DEF STD 59-97 Iss. 3 Type 4A (4) Military, aerospace, navy, automotive, chemical industry (1) 黑色, 高阻燃, 防化性能优异, 最大适用温度 200C。 (2) AMS-DTL-23053/13; VG 95343 Part 5 Type E; DEF STD 59-97 Iss. 3 Type 4A (3) 军事, 航天航空, 海军, 汽车, 化工。

(*) Footnote:

....-I = Radiation crosslinkable

(*) 脚注:

....-I = 辐射交联

Energy, telecom, railways, high-voltage switchgears, terminations, cable joints

黑色，半硬，铁路，高压开关设备，电缆接头

E2-2-M ; E1-I	Polyolefin 聚烯烃	(1) Black, semi-rigid, for medium and thick wall tubing, excellent mechanical properties (2) ESI 09-11 (3) Energy, telecom, cable joints, tubing, wrap-around sleeves (1) 黑色，半硬，适用中厚和厚壁管，机械性能极佳。 (2) ESI 09-11 (3) 电力，电信，电缆接头，制管，复绕护套。
E1-R-I	Polyolefin 聚烯烃	(1) Black, rigid, for medium and thick wall tubing for severe environment, (2) ESI 09-11 (3) Energy, telecom, cable joints, tubing (1) 黑色，硬，适用中厚壁、厚壁管在恶劣环境中使用。 (2) ESI 09-11 (3) 电力，电信，电缆接头，制管。
E3M-P	Polyolefin 聚烯烃	(1) Black, semi-rigid, for moulded products, excellent mechanical properties (2) ESI 09-11 (3) 1 kV cable break-outs, end-caps (1) 黑色，半硬，适用压模产品，机械性能优异。 (2) ESI 09-11 (3) 1-kV 及 1-kV 以下电缆分缆头，端帽。
F2-M ; F2-I	Polyolefin 聚烯烃	(1) Red, for non-tracking tubing up to 33 kV, excellent tracking and weathering properties (2) ESI 09-13 (3) Energy, railways, high-voltage switchgears, terminations, busbars for indoor and outdoor (1) 红色，耐漏电痕达 33kV，耐漏电痕及耐候性能优异。 (2) ESI 09-13 (3) 电力，铁路，高压开关设备，终端，户内、户外母线排。
F3M-P	Polyolefin 聚烯烃	(1) Red, for moulded products up to 33 kV, excellent tracking and weathering properties (2) ESI 09-13 (3) Rain-sheds, high-voltage cable break-outs (< 33 kV) (1) 红色，33kV 及 kV33 以下压模产品，漏电痕及耐候性能优异。 (2) ESI 09-13 (3) 雨裙，高压电缆分缆头(< 33 kV)。

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.... - I = Radiation crosslinkable

--- - P = Peroxide crosslinkable

(*) 脚注:

- M = 湿交联复合材料 (硅烷接合的)

- I = 辐射交联

- P = 过氧化交联

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