

**Thermoplastic vulcanizate**

**DATA SHEET**

**9WTYPE**

Product : 9W565A-A7-FD

**Description**

- 1.耐化學性、耐候性佳，耐溫性在(約)-60~135°C。
- 2.低壓縮變形、彈性回覆力佳、止滑性佳、觸感佳。抗老化、耐疲勞性佳。
- 3.比重輕、易加工，硬範圍 Shore A35~50D、可直接射包 PP PE。
- 4.可適用一般塑膠射出、押出成型，低耗能，可取代橡膠，且綠色環保可回收。
- 5.符合 FDA 食品規範。

- Chemical resistance, good weather resistance, temperature resistance (about) -60 ~ 135 °C.
- Low compression deformation, good elastic response, good slip, good touch. Anti-aging, good fatigue resistance.
- Light weight, easy processing, hard range Shore A35 ~ 50D, can be directly packet PP PE.
- Can be applied to the general plastic injection, extrusion molding, low energy consumption, can replace the rubber, and green can be recycled.
- Comply with FDA food regulations.

**Properties**

Properties	Test Method	Typical Values
硬度 Rockwell Hardness Shore A	ASTM D-2240	63±3
比重 Specific Gravity g/cm <sup>3</sup>	ASTM D-792	0.935
流動指數 Melt Flow Index g/10min 190°C×2.16KG	ASTM D-1238	2.5

**Physical Properties**

100%抗拉模數 Tensile Modulus Kg/cm <sup>2</sup>	ASTM D-412	18
拉伸強度 Tensile Strength Kg/cm <sup>2</sup>	ASTM D-624	35
伸長率 Elongation at Break %	ASTM D-412	600
撕裂強度 Tear Strength Kg/cm	ASTM D-624	27
壓縮永久變形 Compression permanent deformation (100°C) %	ASTM D-395 Method B	30

**Miscellaneous Properties**

顏色 Color	White
形態 Product Form	Pellets
燃燒性 Flammability UL94	HB

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成型條件 Molding conditions

烘乾溫度 Drying temp. °C	60~70	烘乾時間 Drying time H	2~3
進料區溫度 Feed zone temp. °C	185~195	壓縮區溫度 Compression zone temp. °C	190~200
計量區溫度 Metering zone temp. °C	190~205	噴嘴溫度 Nozzle temp. °C	190~210

\*以上數據僅供參考 The above data are for reference only\*