

Dawnprene TPE 6512-PB (120204)

TPE

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Features:

A soft,natural,UV resistance thermoplastic vulcanizate (TPE) in the thermoplastic elastomer (TPE) family. This material combines good physical properties,chemical resistance and elasticity, designed for extrusion and injection applications.This grade of TPE can be processed on conventional thermoplastics equipment for extrusion.

RoHS	RoHS		
	2016-6-14		
	0.98	g/cm ³	ASTM D792
(Shore A, 10 sec,2	63	A	ASTM D2240
100% - 2	1.8	Mpa	ASTM D412
- 2	11.6	Mpa	ASTM D412
- 2	780	%	ASTM D412
- 2	48	KN/m	ASTM D624
	-50		ASTM D746
	-40 100		
	-60 120		
(2	2.65		ASTM D150
	10 ¹³		GB/T1410
	75	mm/min	GB/T8410
(100	+12	%	ASTM D573
(100	8	%	
(100	+3	A	
200PPHM 40			ASTM D7762

0.01%

Drying Instructions: Need drying the granules before make molding,excessive moisture will lead materials bad extrusion surface,mechanical performance reduction and bad surface appearance. Moisture content request below 0.01%,suggesting drying as

follow process:

Drying conditions	Dring temperature/	Dring time/h
first choice	80 90	2 3
other choice	100	1

110

105

If drying temperature over than 110 ,it might cause materials blocking in barrel zone;if use moisture analysis meter,the temperture setting should be on 105 .



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4	16 170	180-185	180-190	180-200	180-200	170-185	50-70

1.Dawnprene TPE PVC

Dawnprene TPE is incompatible with PVC mateials,hence must clean the equipment before using.

2. 150 150 2 , .

Above testing data is tested by molding sample block, cutting by the sheet size is 150 150 2 .

3. 25%

Compression Set 25%

4.

The properties is typical performance,is not regarding as technical index or agreement.

5.

Any reprocessing must follow the above instructions,and ensure no content impurity.

6.

Above instructions for reference only,different equipment might have difference parameters,please adjust accordingly with different mold and product shape.

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