

# Dawnprene TPV 11-50A

TPV

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**Features:**

A soft,black thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material combines good physical properties,chemical resitance and elasticity, designed for extrusion and injection applications.This grade of TPV can be processed on conventional thermoplastics equipment for injection molding.It is polyolefin based and completely recyclable.

RoHS	RoHS		
	2019-5-16		
	0.931	g/cm <sup>3</sup>	ASTM D792
70 *24 7KPA		—	—
(Shore A,15 sec,23 )	54	A	ASTM D2240
100% - 23	1.24	Mpa	ASTM D412
- 23	6.21	Mpa	ASTM D412
- 23	623	%	ASTM D412
- 23 Die C	24.3	KN/m	ASTM D624
	-56		ASTM D746
(23 )	2.65		ASTM D150
	30	mm/min	GB/T8410

0.05%

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 0.05%,suggesting drying as follow process:

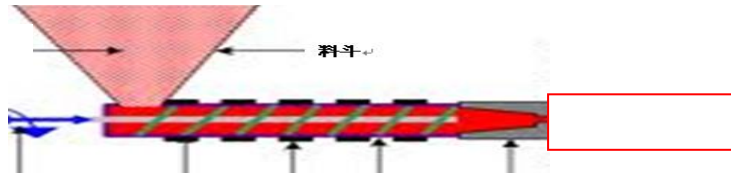
Drying conditions	Dring temperature/	Dring time/h
first choice	80 90	2 3
other choice	100	1

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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40-150	160-170	180-185	190-210	190-215	180-205	170-185	50-70

1.Dawnprene TPV PVC

Dawnprene TPV is incompatible with PVC materials,hence must clean the equipment before using.

2. 120 × 100 × 2 , .

Above testing data is tested by injection sample block, cutting by the sheet size is 120 × 100 × 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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