



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 resistance and elasticity, designed for extrusion and injection applications.This grade of TPV can be processed on conventional thermoplastics equipment for extrusion,injection molding.It is polyolefin based and completely recyclable.

RoHS	RoHS		
	2019-05-13		
	0.980	g/cm <sup>3</sup>	ASTM D792
(Shore A,15 sec,2	75	A	ASTM D2240
100%	- 2	2.65	Mpa
	- 2	7.50	Mpa
	- 2	480	%
	- 2	37.4	KN/m
23		30	%
		40	%
			ASTM D395
		-50	ASTM D746
(2	2.65		ASTM D150
	28	mm/min	GB/T8410
(100	-6	%	ASTM D573
(100	-11	%	
(100	-1	A	
			GB/T7762

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 .

R							
4	16 170	180-185	190-210	190-215	180-205	170-185	50-70

1.Dawnprene TPV PVC

Dawnprene TPV is incompatible with PVC mateials,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