

# Dawnprene TPV 11-30D

TPV

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Features:

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

RoHS	RoHS		
	2019-5-16		
	0.960	g/cm <sup>3</sup>	ISO 1183
(Shore D,5 sec,2	32.1	D	ASTMD 2240
100% - 2	6.32	Mpa	ASTMD 412
- 2	14.2	Mpa	ASTMD 412
- 2	560	%	ASTMD 412
- 2	62.2	KN/m	ASTMD 624
(100	-9.8	%	ASTMD 412
(100	-6.8	%	ASTMD 412
(100	+2	D	ASTMD 2240
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 dry ing 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 materials,hence must clean the equipment before using.

2. 110 85 2 , .

Above testing data is tested by injected sample block, cutting by the sheet size is 110 85 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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