

# Dawnprene TPV 13-85A

TPV

TPV

#### Features:

A hard,black,UV resistance 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.

recyclable.				
RoHS	RoHS			
	2018-11-16			
	0.040	, 3	ACTM D702	
	0.949	g/cm <sup>3</sup>	ASTM D792	
(Shore A,10 sec,2	85.6	A	ASTM D2240	
100% - 2	3.0	Mpa		
- 2	8.62	Mpa	ASTM D412	
- 2	520	%	<u>]                                    </u>	
- 2	42.3	KN/m	ASTM D624	
23 72h 25%	30	%	GB/T 7759	
70 22h 25%	52	%	GB/T 7759	
	-42		ASTM D746	
(2	2.60		ASTM D150	
	35	mm/min	GB/T8410	
	33	mmi, mm	GB/10410	
(70	-10	%	ASTM D412	
(70	-12	%	ASTM D412	
(70	+2	A	ASTM D2240	
0.55w/ 2100hr	/		Q/CC SY335-2013	
0.55w/ 2100hr	4.0			

### SHANDONG DAWN POLYMER Co. LTD



200pphm 40		ASTM D7762

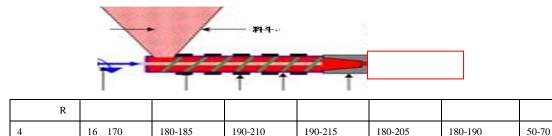
0.07%

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

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



### 1.Dawnprene TPV PVC

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

2. 110mm×85mm×2mm,

Above testing data is tested by injection 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.

## SHANDONG DAWN POLYMER CO.,LTD

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