

Dawnprene TPV YY-45A

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, and is designed for medical stopper. This grade of TPV can be processed on conventional thermoplastics equipment for injection molding.

RoHS	RoHS			
	2015-10-21			
	0.892	g/cm ³	ASTM D792	
(Shore A,10 sec,2	43	A	ASTM D2240	
100%	- 2	1.15	Mpa	ASTM D412
	- 2	4.0	Mpa	ASTM D412
	- 2	550	%	ASTM D412
	- 2	24.1	KN/m	ASTM D624
70		29	%	ASTM D395
		-58		ASTM D746

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	Drying temperature/	Drying 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	190-215	180-200	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 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.

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