

Dawnprene TPV 11-90A

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

RoHS		RoHS	
2019-5-16			
	0.965	g/cm ³	ASTM D792
	1.00-1.20	%	ASTM D955
	1.15-1.40	%	
(Shore A,10 sec,2	95	A	ASTM D2240
100% - 2	9.72	Mpa	ASTM D412
- 2	22.4	Mpa	
- 2	750	%	
- 2	66.7	KN/m	ASTM D624
	-46		ASTM D746
(2	2.63		ASTM D150
	26	mm/min	GB/T8410
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	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 temperature setting should be on 105 .