

# Dawnprene TPV 13-60A

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

RoHS	RoHS		
	2018-12-14		
	0.960	g/cm <sup>3</sup>	ASTM D792
70			
(Shore A,10 sec,2	60.0	A	ASTM D2240
100% - 2	2.0	Mpa	ASTM D412
- 2	6.0	Mpa	ASTM D412
- 2	400	%	ASTM D412
- 2	35	KN/m	ASTM D624
23	24	%	ASTM D395
70	35	%	
(100	-8.6	%	ASTM D412
(100	-10.0	%	ASTM D412
(100	+1.2	A	ASTM D2240
	-53		ASTM D746
(2	2.65		ASTM D150
	30	mm/min	GB/T8410
200PPHM 40			ASTM D7762
-40			
0.55w/ 2100hr	/		Q/CC SY335-2013

0.55w/ 2100hr		4.0		
<p>0.07%</p> <p>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 0.07%,suggesting drying as follow process:</p>				
Drying conditions		Dring temperature/		Dring time/h
first choice		80 90		2 3
other choice		100		1
110		105		
<p>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 .</p>				

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