

Dawnprene TPV 21-87A

TPV

TPV

Features:

A hard, natural 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.

RoHS	RoHS		
NSF	NSF		
	2019-3-6		
	0.938	g/cm ³	ASTM D792
70 *24 7KPA		—	—
(Shore A,15 sec,23)	92.7	A	ASTM D2240
100% - 23	6.52	Mpa	ASTM D412
- 23	16.0	Mpa	ASTM D412
- 23	650	%	ASTM D412
- 23 Die C	56.9	KN/m	ASTM D624
	-43		ASTM D746
(23)	2.65		ASTM D150
	25	mm/min	GB/T8410
0.05%			
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		

R							
40-150	160-170	180-185	190-210	190-215	180-205	170-185	50-70

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