

Dawnprene TPO10-45DHI

TPO

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Features:

A hard,black thermoplastic vulcanizate (TPO) in the thermoplastic elastomer family. This material combines good physical properties,chemical resistance and elasticity, designed for injection applications.This grade of TPO can be processed on conventional thermoplastics equipment for injection.It is polyolefin based and completely recyclable.

RoHS	RoHS		
	2018-10-09		
	0.890	g/cm ³	ISO 1183
	1.3-1.6	%	GB/T 17037
	1.3-1.8	%	
(Shore D,15 sec,23)	43.0	D	GB/T 2411
23 50mm/min	13.0	Mpa	GB/T 528
23 50mm/min	760	%	
23	9.30	Mpa	GB/T 9341
23	420	Mpa	
- 23 Die C	90	KN/m	GB/T 529
23	42P	KJ/	GB/T 1843
-30	70P	KJ/	
-35	70P	KJ/	
-40	68P	KJ/	
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 0.05%,suggesting drying as follow process:			
Drying conditions	Dring temperature/	Dring 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 .			



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

1.Dawnprene TPO PVC

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

2.

Above testing data tested by injection moulded sample

3.

The properties is typical performance,is not regarding as technical index or agreement.

4.

Any reprocessing must follow the above instructions,and ensure no content impurity.

5.

Above instructions for reference only,different equipment might have difference parameters,please adjust accordingly with different mold and product shape.

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