


Dawnprene TPE 8001-PB

TPE

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Features: It is a black colour thermoplastic elastomer (TPE) material. This material combines good physical properties,chemical resisittance and elasticity, designed for injection applications.This grade of TPE can be processed on conventional thermoplastics equipment for injection.It is completely recyclable.

RoHS	RoHS		
	2019-06-10		
	0.956	g/cm³	ASTM D792
(Shore A,10 sec,2	81.7	A	ASTM D2240
100% 2	3.56	Mpa	ASTM D412
2	7.13	Mpa	ASTM D412
2	650	%	ASTM D412
2	51.3	KN/m	ASTM D624
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		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 temperture setting should be on 105 .			
			
R			
4	16 170	180-190	180-190
		180-190	180-190
		180-190	180-190
		180-190	50-70

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

Compression Set 25%

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

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

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

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