

Dawnprene TPE 5002-PE

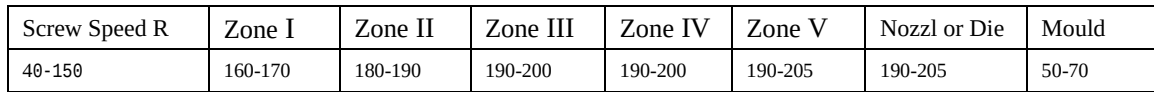
TPE

TPE

Features:

A soft thermoplastic elastomer (TPE) family. This material combines good physical properties, chemical resistance and elasticity, designed for injection applications. This grade of TPE can be processed on conventional thermoplastics equipment for injection or blow molding. It is completely recyclable.

(GENERAL)			
(Application)	general injection		
RoHS Compliance	RoHS		
(Form)	Pellet		
(Color)	Natural		
(Processing Method)	(Injection)		
(Revision Date)	2021-05-10		
Physical	Typical Value	Unit	Test Method
(Density)	1.256	g/cm³	ASTM D792
(Hardness)			
Shore Hardness(Shore A, 10 sec,23)	48.5	A	ASTM D2240
(Mechanical Property)			
100% - 23 100% Steching strength-23	1.06	Mpa	ASTM D412
- 23 Tensile strength- 23	3.31	Mpa	ASTM D412
- 23 Elongation at break-23	699	%	ASTM D412
- 23 Tear strength-23	17.1	%	ASTM D624
0.1%			
Drying Instructions: No broken bags do not need to dry ,if there is broken bags,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 0.1%,suggesting drying as follow process:			
Drying conditions	Drying temperature/		Drying time/h
first choice	70 80		2 3
other choice	90		1
110105			
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 .			



() 0086-535-8868588;() 0086-535-8833988 Tel:(Foreign Trade) 0086-535-8868588;(Domestic Trade) 0086-535-8833988