

Dawnprene TPE 7504-PB

TPE

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Features:

It is a clear, thermoplastic elastomer (TPE) material. 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. It is completely recyclable.

(GENERAL)			
(Application)	general injection		
RoHS Compliance	RoHS		
(Color)	Clear		
(Form)	Pellet		
(Processing Method)	injection		
(Revision Date)	2017-08-11		
Physical	Typical Value	Unit	Test Method
(Density)	0.89	g/cm³	ASTM D792
(Hardness)			
Shore Hardness(Shore A, 10 sec,23)	73	A	ASTM D2240
- 23 Tensile strength-parallel flow direction 23	14.0	MPa	ASTM D412
- 23 Elongation at break-parallel flow direction 23	750	%	ASTM D412
100% - 23 100% Steching strength-parallel flow direction 23	2.8	Mpa	ASTM D412
300% - 23 300% Steching strength-parallel flow direction 23	4.0	Mpa	ASTM D412
- 23 Tear strength-vertical flow direction 23	53	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 .			

Above instructions for reference only,different equipment might have difference parameters,please adjust accordingly with different mold and product sh11(h)-30199B/F4TETQMC /P /MCID 97/3MCID 95/Lang (en-S)BC q52.44 57892(a)3CID 95/Lang (en-S)BC q