

Dawnprene TPE 6502-NC

TPE

PA6 30%gf PA6

TPE

Features:

It is a natural color thermoplastic elastomer (TPE) material. This material combines good physical properties, chemical resistance and elasticity, designed for bonding PA6 and 30%gf PA6 applications. This grade of TPE can be processed on conventional thermoplastics equipment for injection. It is completely recyclable.

(GENERAL)			
(Application)	general injection bond PA6 and 30%gf PA6		
RoHS Compliance	RoHS		
(Color)	Natural		
(Form)	Pellet		
(Processing Method)	injection		
(Revision Date)	2023-03-07		
Physical	Typical Value	Unit	Test Method
(Density)	1.10	g/cm ³	ASTM D792
(Hardness)			
Shore Hardness(Shore A, 10 sec,2	70	A	ASTM D2240
- 2			
Tensile strength-parallel flow direction 2	5.2	Mpa	ASTM D412
- 2			
2	790	%	ASTM D412
100% - 2	2.5	Mpa	ASTM D412
300% - 2	3.2	Mpa	ASTM D412
- 2	32	KN/m	ASTM D624
0.1%			
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 0.1%,suggesting drying as follow process:			
Drying conditions	Drying temperature/	Drying 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 .			

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