

Dawnflex TPU DN-2385-T2

	25kg/						
	1.19	g/cm³	ASTM D792				
	87 2	A	ASTM D2240				
	35	MPa	ASTM D412				
100%	6	MPa	ASTM D412				
300%	12	MPa	ASTM D412				
	600	%	ASTM D412				
	110	KN/m	ASTM D624				
0.05%							
	/		/h				
	90-100		2-4				
	210-220		190-200				
	205-215		190-200				
	205-215		185-195				
	200-210		180-190				
SDS							
1.							
2.							
: . 265703							
() 0086-535-8868588;()0086-535-8833988							

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General information			
Material Properties	High transparency, low risk of precipitation, fast molding, and high strength		
Application Market	Overmolding, modification, electronic injection molding, cable		
Appearance Shape	Transparent particles		
Packing Specifications	25 kg/bag		
Processing Method	Injection Extrusion		
Physical property parameters	Typical value	Unit	Method
Density	1.195	g/cm ³	ASTM D792
Shore Hardness	87 2	A	ASTM D2240
Tensile Strength	35	MPa	ASTM D412
100% Modulus	6	MPa	ASTM D412
300% Modulus	12	MPa	ASTM D412
Elongation at Break	600	%	ASTM D412
Tear Strength	110	KN/m	ASTM D624
Processing suggestions			
Processing conditions 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	Drying temperature/		Drying time/h
	90-100		2-4
Processing temperature			
Injection	Set Value	Extrusion	Set Value
Nozzle ()	210-220	Nozzle ()	190-200
Front Barrel ()	205-215	Front Barrel ()	190-200
Middle Barrel ()	205-215	Middle Barrel ()	185-195
Rear Barrel ()	200-210	Rear Barrel ()	180-190
Healthy & Safety & Environmental: Take SDS for reference			
Extra information 1.The above properties are typical performance which is not regarding as technical index or agreement. 2.Above instructions for reference only, different equipment might have difference parameters, please adjust accordingly with different mold and product shape.			
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