

## Dawnflex TPU DN-2385-T2

25kg/			
1.19		g/cm <sup>3</sup>	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%			
100			
100			
		/	/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			
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## Dawnflex TPU DN-2385-T2

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	<b>Typical value</b>	<b>Unit</b>	<b>Method</b>
Density	1.195	g/cm <sup>3</sup>	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			
<b>Processing conditions</b>			
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
<b>Healthy &amp; Safety &amp; Environmental:</b> Take SDS for reference			
<b>Extra information</b>			
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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