

Dawnflex TPU DN-3075-T1

	25kg/		
	1.19	g/cm ³	ASTM D792
	75 ± 2	A	ASTM D2240
	28	MPa	ASTM D412
100%	3	MPa	ASTM D412
300%	6	MPa	ASTM D412
	800	%	ASTM D412
	90	KN/m	ASTM D624
100 100	0.05%		
	/	/h	
	90-100	2-4	
	195-205		180-190
	190-200		180-190
	195-195		175-185
	185-195		170-180
SDS			
1. 2.			
: . 265703 () 0086-535-8868588;()0086-535-8833988			

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General information			
Material Properties	High transparency, fast molding, low precipitation, good low temperature resistance, high mechanical strength		
Application Market	Over molding, modified, shoes, pipes		
Appearance Shape	Transparent particles		
Packing Specifications	25 kg/bag		
Processing Method	Injection Extrusion		
Physical property parameters	Typical value	Unit	Method
Density	1.19	g/cm ³	ASTM D792
Shore Hardness	75 ± 2	A	ASTM D2240
Tensile Strength	28	MPa	ASTM D412
100% Modulus	3	MPa	ASTM D412
300% Modulus	6	MPa	ASTM D412
Elongation at Break	800	%	ASTM D412
Tear Strength	90	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 ()	195-205	Nozzle ()	180-190
Front Barrel ()	190-200	Front Barrel ()	180-190
Middle Barrel ()	195-195	Middle Barrel ()	175-185
Rear Barrel ()	185-195	Rear Barrel ()	170-180
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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