

# Dawnprene TPE TKE-70A

TPE

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## Features:

It is a green thermoplastic elastomer (TPE) material. This material combines good physical properties, chemical resistance and elasticity, designed for lawn filling. This grade of TPE can be processed on conventional thermoplastics equipment for extrusion. It is completely recyclable.

<b>(GENERAL)</b>			
(Application)	Lawn fill		
RoHS Compliance	RoHS		
(Color)	Green		
(Form)	Pellet		
(Processing Method)	/		
(Revision Date)	2022-02-16		
<b>Physical</b>	<b>Typical Value</b>	<b>Unit</b>	<b>Test Method</b>
(Density)	1.59	g/cm <sup>3</sup>	ASTM D792
<b>(Hardness)</b>			
Shore Hardness(Shore A, 10 sec, 23 °C)	68	A	ASTM D2240
- 23			
Tensile strength-parallel flow direction 23	2.7	MPa	ASTM D412
- 23			
Elongation at break-parallel flow direction 23	720	%	ASTM D412
100% - 23			
100% Steching strength-parallel flow direction 23	1.2	Mpa	ASTM D412
300% - 23			
300% Steching strength-parallel flow direction 23	1.4	Mpa	ASTM D412
- 23			
Tear strength-vertical flow direction 23	16	KN/m	ASTM D624
1. 120 y 100 y 2 , . Above testing data is tested by injection sample block, cutting by the sheet size is 120 y 100 y 2 .			
2. . The properties is typical performance, is not regarding as technical index or agreement.			
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