

Dawnprene TPE 4014-PB

TPE

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Features:

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

(GENERAL)			
(Application)	(extrusion)		
RoHS Compliance	RoHS		
(Color)	transparent		
(Form)	Pellet		
(Processing Method)	extrusion		
(Revision Date)	2023-05-06		
Physical	Typical Value	Unit	Test Method
(Density)	0.91	g/cm ³	ASTM D792
(Hardness)			
Shore Hardness(Shore A, 10 sec,23)	38	A	ASTM D2240
-			
Tensile strength vertical	6.5	MPa	ASTM D412
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Elongation at break- vertical	830	%	ASTM D412
100% -			
100% Steching strength- vertical	0.6	Mpa	ASTM D412
300% -			
300% Steching strength-			

R							
4	15 180	180-220	180-220	180-220	180-220	180-200	50-60

1.Dawnprene TPE PVC

Dawnprene TPE is incompatible with PVC materials, hence must clean the equipment before using.

2.