

Dawnprene TPE 4505-PD

TPE

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

(GENERAL)			
(Application)	general injection		
RoHS Compliance	RoHS		
(Color)	Clear		
(Form)	Pellet		
(Processing Method)	injection		
(Revision Date)	2022-12-10		
Physical	Typical Value	Unit	Test Method
(Density)	0.88	g/cm ³	ASTM D792
(Hardness)			
Shore Hardness(Shore A, 10 sec, 23 °C)	47	A	ASTM D2240
- 23 °C Tensile strength-parallel flow direction 23 °C	6.5	MPa	ASTM D412
- 23 °C Elongation at break-parallel flow direction 23 °C	800	%	ASTM D412
100% - 23 °C 100% Stretching strength-parallel flow direction 23 °C	1.2		

