

Dynaprene® SE0051A

Thermoplastic Elastomer

Nantex Industry Co., Ltd.

Message:

Dynaprene® SE0051A is a Thermoplastic Elastomer (TPE) material. It is available in Asia Pacific for injection molding.

General Information			
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.888	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec)	51		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow (300% Strain)	1.79	MPa	ASTM D412
Tensile Strength - Across Flow (Yield)	4.69	MPa	ASTM D412
Tensile Elongation - Across Flow (Break)	720	%	ASTM D412
Tear Strength ¹ (23°C)	21.9	kN/m	ASTM D624
Compression Set			ASTM D395B
23°C, 22 hr	11	%	
70°C, 22 hr	31	%	
NOTE			

1. Die C

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Recommended distributors for this material

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