

Dynaprene® VE0055A

Thermoplastic Elastomer

Nantex Industry Co., Ltd.

Message:

Dynaprene® VE0055A is a Thermoplastic Elastomer (TPE) material. It is available in Asia Pacific for injection molding.

General Information			
Features	General Purpose		
Uses	General Purpose		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.958	g/cm ³	ASTM D792
Moisture Content	< 0.060	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec)	56		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set (100% Strain)	7	%	ASTM D412
Tensile Stress (100% Strain)	1.70	MPa	ASTM D412
Tensile Strength - Across Flow (Yield)	4.50	MPa	ASTM D412
Tensile Elongation - Across Flow (Break)	340	%	ASTM D412
Tear Strength ¹ (23°C)	24.0	kN/m	ASTM D624
Compression Set (100°C, 22 hr)	25	%	ASTM D395B
Aging	Nominal Value	Unit	Test Method
Change in Volume (121°C, 24 hr, in IRM 903 Oil)	74	%	ASTM D471
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°C	ASTM D746
NOTE			
1.	Die C		

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Recommended distributors for this material

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