

# Dynaprene® VE2173A

Thermoplastic Elastomer

Nantex Industry Co., Ltd.

## Message:

Dynaprene® VE2173A is a Thermoplastic Elastomer (TPE) material. It is available in Asia Pacific for injection molding.

Important attributes of Dynaprene® VE2173A are:

Good UV Resistance

UV Stabilized

General Information			
Additive	UV Stabilizer		
Features	Good UV Resistance		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.968	g/cm <sup>3</sup>	ASTM D792
Moisture Content	< 0.060	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec)	74		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow (100% Strain)	2.83	MPa	ASTM D412
Tensile Strength - Across Flow (Yield)	6.80	MPa	ASTM D412
Tensile Elongation - Across Flow (Break)	450	%	ASTM D412
Tear Strength - Across Flow <sup>1</sup> (23°C)	40.1	kN/m	ASTM D624
Compression Set (100°C, 22 hr)	35	%	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	< -51.1	°C	ASTM D746
NOTE			
1.	Die C		

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Recommended distributors for this material

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