

Dynaprene® VER8300

Thermoplastic Elastomer

Nantex Industry Co., Ltd.

Message:

Dynaprene® VER8300 is a Thermoplastic Elastomer (TPE) material. It is available in Asia Pacific for injection molding. Primary attribute of Dynaprene® VER8300: Impact Modified.

General Information			
Additive	Rubber		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.888	g/cm ³	ASTM D792
Moisture Content	< 0.060	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec)	45		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow (100% Strain)	1.04	MPa	ASTM D412
Tensile Strength - Across Flow (Yield)	3.07	MPa	ASTM D412
Tensile Elongation - Across Flow (Break)	360	%	ASTM D412
Tear Strength ¹ (23°C)	20.0	kN/m	ASTM D624
Compression Set (100°C, 22 hr)	26	%	ASTM D395B
Aging	Nominal Value	Unit	Test Method
Change in Volume (121°C, 24 hr, in IRM 903 Oil)	87	%	ASTM D471
NOTE			
1.	Die C		

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