



TRIVALENCE

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Thermoplastic Polyolefin Elastomer

General Information

Product Description

General purpose, TPE elastomer

FEATURES

- Low Flow
- 50% Filled

ADDITIONAL FORMULAS

COLOR

-Opaque

General

Typical Applications

-Automotive, sporting goods, packaging, consumer goods.

Processing Method

-Injection/Extrusion

Form(s)

-Pellets

Availability

-North America, Latin America

ASTM / ISO Properties¹

Physical

	Nominal Value	Unit	Test Method
Density	1.50	g/cm ³	ASTM D792
Melt Flow Rate (230°C/2.16kg)	3	g/10min	ASTM D1238

Mechanical

	Nominal Value	Unit	Test Method
Tensile Strength, yld	400	psi	ASTM D638
Tensile Elongation, brk	>10	%	ASTM D638
Durometer, Shore Hardness	75	A-Scale	ASTM D2240

Flammability

	Nominal Value	Unit	Test Method
0.06 in		HB	UL94 - TVT Internal

Recommended Processing Guidance

	Nominal Value	Unit
Drying Temperature	150 to 175	°F
Processing Melt Temperature	380 to 450	°F
Mold Temperature	70 to 100	°F

¹ Note: The values listed on this guide are typical values based on general molding conditions and used solely for the purpose of general material processing. It is recommended that application properties be derived from actual molded articles, whereas properties as molded could vary. These are not to be used as specifications. This data does not provide an implied conditional warranty.