

## AuroraTec™ TPU1070-NA

Aurora Material Solutions, LLC - *Thermoplastic Polyurethane Elastomer*

### General Information

#### Product Description

AuroraTec™ TPU1070-NA is a Natural, Thermoplastic Polyurethane Elastomer Injection Molding Grade.,

#### General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • Asia Pacific • Latin America • North America
Features	• Fuel Resistant • Oil Resistant • Hydrolysis Resistant • Solvent Resistant
Uses	• Automotive Applications
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.15		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Set <sup>2</sup>	75	%	ASTM D412
Tensile Stress (100% Strain)	450	psi	ASTM D412
Tensile Stress (300% Strain)	812	psi	ASTM D412
Tensile Strength	4350	psi	ASTM D412
Tensile Elongation (Break)	790	%	ASTM D412
Tear Strength (73°F)	371	lbf/in	ASTM D624
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 1 sec, 73°F)	71		ASTM D2240

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> At Break

