

Forprene® 6NM901A55/I NERO

Thermoplastic Vulcanizate

Celanese Corporation

PROSPECTOR®

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Technical Data

Product Description

Forprene® 6NM901A55/I NERO is a Thermoplastic Vulcanizate (TPV) product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Automotive.

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet
Search for UL Yellow Card	• Celanese Corporation • Forprene®
Availability	• Africa & Middle East • Asia Pacific • Europe • Latin America • North America
Uses	• Automotive Applications
Processing Method	• Injection Molding

Physical	Nominal Value Unit	Test Method
Density	0.954 g/cm ³	ISO 1183

Elastomers	Nominal Value Unit	Test Method
Tensile Set	14 %	ASTM D412
Tensile Stress		ISO 37
100% Strain	1.80 MPa	
300% Strain	3.20 MPa	
Tensile Stress (Break)	4.40 MPa	ISO 37
Tensile Elongation (Break)	480 %	ISO 37
Tear Strength	20.0 kN/m	ISO 34-1
Compression Set		ISO 815
70°C, 24 hr	28 %	
100°C, 24 hr	41 %	

Hardness	Nominal Value Unit	Test Method
Shore Hardness (Shore A, 15 sec)	56	ISO 868

Injection	Nominal Value Unit
Rear Temperature	155 to 165 °C
Middle Temperature	165 to 175 °C
Front Temperature	175 to 185 °C
Nozzle Temperature	180 to 190 °C
Mold Temperature	20 to 40 °C

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.



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Where to Buy

Supplier

Celanese Corporation

Florence, Florence USA

Telephone: 800-833-4882

Web: <http://www.celanese.com/engineered-materials>

Distributor

GAZECHIM PLASTIQUES

GAZECHIM PLASTIQUES is a Pan European distribution company. Contact GAZECHIM PLASTIQUES for availability of individual products by country.

Telephone: +33-4-67-49-55-37

Web: <http://www.gazechim.com/>

Availability: Belgium, France, Netherlands, Romania, Spain, United Kingdom

RESINEX Group

RESINEX is a Pan European distribution company. Contact RESINEX for availability of individual products by country.

Telephone: +32-14-672511

Web: <http://www.resinex.com/>

Availability: Europe

