



CHEMPLAX LLC

A KMI Group Company

Technical Data Sheet

Elastoprene 60 NA

Thermoplastic Vulcanizate (TPV)

Product Description

Elastoprene 60 NA is a thermoplastic vulcanizate derived from an olefin-based rubber and polyolefin resins. It is designed for applications requiring long-term sealing performance even at elevated temperatures. It can be processed using conventional thermoplastic processing equipment that can be extruded or molded into flexible parts. It combines good physical properties and chemical resistance for use in a wide variety of applications including high flex fatigue resistance and UV resistance.

Revision

Revision Date: 2/21/2024

Properties	Method	Value
Density/Specific Gravity	ASTM D792	0.885 g/cm ³
Melt Flow Rate (190°C/2.16kg)	ASTM D1238	12.9 g/10min
Tensile Properties	ISO 37	
Tensile Stress (300% strain)		2.85 MPa
Tensile Strength (Yield)		7.40 MPa
Tensile Elongation (Break)		510%
Durometer (Shore A)	ASTM 2240	72

Additional Notes

Processing Parameters: EcoPrene material can be processed using conventional thermoplastic processing equipment. Extrusion processing recommendation L/D ratio of 24 or more, and a metering type screw with compression ratio of 3:4. Die swelling will be limited due to the higher melt viscosity.

For additional inquiries, please contact: csr.supplychain@kmigroup.com

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