



CHEMPLAX LLC

A KMI Group Company

Technical Data Sheet

ElastoPrene 80A Black TPV

Thermoplastic Vulcanizate (TPV)

Product Description

ElastoPrene 80A Black TPV is a post-consumer recyclable thermoplastic vulcanizate containing an olefin-based rubber and polyolefin resins. It is designed for applications requiring long term sealing performance even at elevated temperatures. Soft-touch feel for grips and handles used in automotive and consumer goods. It can be processed using conventional thermoplastic processing equipment that can be extruded or molded into flexible parts. It is an excellent choice for applications requiring flexibility in the following markets: automotive, appliance, business machines, and construction.

Revision

Revision Date: 3/24/2025

Properties	Method	Value
Density	ASTM D792	0.984 g/cm ³
Melt Flow Index (230°C)	ASTM D1238	0.71 g/10 min
Durometer (Shore A)	ASTM D2240	79
Tensile Properties	ASTM D412	
Tensile Strength (100%)		3.51 MPa
Tensile Strength		8.28 MPa
Tensile Elongation		484%

Notes

ElastoPrene 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.

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

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