Request a Quote

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Marco Compound # E1071
75 Durometer, Black, Conductive EPDM
Technical Datasheet

Common Names:
Ethylene-Propylene (EP, EPDM)

General Description:
EPDM rubber (ethylene propylene diene monomer rubber) is an elastomer which is characterized by wide range of applications and good chemical resistance. Compound E1071 was specially formulated to be more fuel and caustic chemical resistant and to offer excellent electrical conductivity.

Features:
- Good electrical conductivity
- Silver plated nickel filled
- Good heat and compression resistance.
- Resistant to ketones, hot and cold water, steam, alkalis, polar solvents, ozone, sunlight, alcohols, glycol engine coolant and Skydrol (phosphate ester hydraulic fluid).

Limitations:
- Not recommended for oils, gasoline, kerosene, aromatic and aliphatic hydrocarbon, halogenated solvents, concentrated acids, non-polar solvents, petroleum oils and aromatic fuels.

Cure System:
- Peroxide

Service Temperature:
-50 to 260° F (-45 to 125° C)

TYPICAL PHYSICAL PROPERTY

ORIGINAL PROPERTIES	Typical Physical Properties
Hardness, Shore A	75 +/- 5
Color	Black
Tensile Strength	200 psi
Elongation	200%
Specific Gravity	3.8
Tear Strength	70 lb/in
Volume Resistivity	.006 ohm-cm
Shielding Effectiveness	
200 KHz	50
100 MHz	100
500 MHz	100
1 GHz	85
5 GHz	85

This information is to the best of our knowledge accurate and reliable. However, Marco Rubber makes no warranty, expressed or implied, that parts manufactured from this material will perform satisfactorily in the customer's application. It's the customer's responsibility to evaluate parts prior to use.