



DRG-HY/EPDM firm black

Rubber



DRG-HY/EPDM fest iis a closed cell, soft elastic cellular rubber. The rubber should not be exposed to prolonged direct influence of the weather.
The material can be further processed by cutting, sawing, punching, gluing, milling, grinding and coating with adhesive.

It may therefore, under observance of the local waste disposal regulations, be disposed of household waste landfills or domestic waste incineration plants.

Technical Information – Product characteristic

Material base	ISO 1629	Ethylen-Propylen-Dien-Kautschuk -rubber (EPDM) + Styrol-Butadien-Kautschuk -rubber (SBR)
Density	ISO 845	110 - 160 kg/m ³
Corrosion behavior	DIN 53428	on bare Cu: strong corrosion on bare Ag: strong corrosion
Linear shrinkage	FORD WSKM2D419-A	9 % max. (3 h at 80 °C and 6,3 mm thickness)
Use temperature	without norm	- 40 °C to 70 °C, short time to 80 °C
Flammability	on the basis of FMVSS 302	passed off 8 mm
Ozone resistance	ISO 1431	resistant to cracking (0)
Water absorption	ASTM D 1056	5 % max.
Compression set	ASTM D 1056	< 35 % at 23°C bzw. not tested at 40°C
Compression-deflection	ASTM D 1056	65 - 90 kPa (at 25 % compression) 120 - 230 kPa (at 50 % compression)
Tensile strength	ISO 1798	Ø 1.025 kPa
Elongation at break	ISO 1798	Ø 92 %
Shorehardness 00	ASTM D 2240	60 - 70
Rebound resilience	DIN 53512	35 - 45 %
Thermal conductivity	ISO 8301	< 0,1 W/m.K, tested at a medium temperature 10 °C
Sheet size	Blocks with fabrication skin approx 2.000 +/- 3% x 1.000 x 56 mm -/-2 big.	