DRG-CR-M medium, black

Rubber

DRG-CR-M mittel is a closed cell, soft elastic cellular rubber with cell size ≤ 0,2 mm. 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

Technical Information – Product characteristic		
Material base	ISO 1629	Chloroprene rubber (CR) (CR)
Density	ISO 845	160 (± 20) Kg/m³
Linear shrinkage	WSK-M2D419-17	≤ 10% (3 h at 80 °C and 6,3 mm thickness))
Application temperature	without standard	- 30 °C to +110 °C
Ozone resistance	ISO 1431-1	Resistant to cracking (0)
Corrosion resistance	DIN 53 428	on bare Cu: slight annealing colours, small corona on bare Ag: bare annealing colours, no corona
Water absorption	ASTM D 1056	≤ 5 %
Compression set	ASTM D 1056	23 °C, 50%: ≤ 40% (after 24 h) 70 °C, 50%: ≤ 85% (after 24 h)
Compression deflection	ASTM D 1056	50 ± 15 kPa (at 25% compression))
Tensile strength	DIN 1798	≥ 500 kPa
Elongation at break	DIN 1798	≥ 180%
Shore hardness	ISO 868	40 ± 6 Shore 00
Rebound resilience	ISO 4662	50 ± 5%
Form of delivery	Block size with production skin minimum 2,000 (78.74) x 1,000 (39.37) x 50 (1.97) mm (in), 2x skin.	
Examples for chemical resistances	**used** Weak acids and bases, water, sea water, saline solution, alum aqueous, detergent, photographic chemicals, ammonia, acetylene, ethanol, glycerine, glycol-based anti-freeze, carbonic acid, ozone, silicone oil and fat, oil and greases (mineral oil). **limited used** Higher concentrated acids and bases, methanol, acetone, fuels, mineral spirit, vaseline, natural gas, heating oil, hydraulic fluids. **not recommended** Chlorine, superheated steam, solvents such as toluene, dichloromethane, trichloroethylene, perchloroethylene (PER), cellulose thinners, conc. nitric, sulfuric and hydrochloride acid.	