

Preliminary Product Information ZOUCHflex K

Description ZOUCHflex K is a highly compressible semi closed-cell NBR (nitrile blend) material supplied with or without a pressure-sensitive acrylic self-adhesive backing.

Application This product is commonly used for many sealing, insulating, protecting and noise control applications mainly within the automotive industry. The semi-closed cell structure combines the flexibility of open-cell materials with the excellent sealing capabilities of closed-cell materials. Due to its superior conformability and compressibility it is fast becoming the number one choice for the automotive industry to seal against water, sound, heat, wind and dust.

| Properties | Rating/Desc: | Test Method(s): |
|--------------------------|--|------------------------------|
| Cell Structure: | Fine - Semi Closed Cell | ASTM D/1667 |
| Density: | 75-90kg/m ³ (± 10%) | |
| Tensile Strength: | TBC | |
| Elongation: | TBC | |
| Temperature Limit(s): | -40°C/+105°C | |
| Ozone Resistance: | Excellent | ASTM D1171/ JIS K6301 |
| Fire Resistance: | Self Extinguishing V-0, 5VA | ASTM D 635 UL94/JIS K6911 |
| Weather & UV Resistance: | Good | |
| Thermal Conductivity: | 0.28 Btu.in/hr.ft. ² F (0.0328kcal/mh°C) | BS 874: Part 2 |
| Toxicity: | 3.075 | NES 713 |
| Sound Absorption: | Good/Excellent | |
| Chemical Resistance: | Good | |
| Mildew Resistance: | No Fungal Growth/good | |
| Odour: | Negligible | |
| Production Process: | CFC, Asbestos, Chlorine and Fibre Free | |

Notes:

ASTM - International standard, JIS K - Japanese Standard, UL - APPROVAL - USA Test Standard

NES - UK Naval Engineering Standard (Toxicity)

Special Information

All data and technical information presented are based on laboratory tests or have been compiled from supplier information to the best of our knowledge. A guarantee that the values are complete and correct can however not be given. You are kindly requested to conduct your own tests to determine the suitability of our product for your applications. Our General Conditions answer any questions on guarantees and liabilities for these products insofar as no other legal regulations apply.

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