TECHNICAL DATA SHEET

# RT-MAT65-CK-BK-E

Matting · economy checker, narrow roll · black · 65 Sh A

## Product overview

| | |
|---|---|
| **Material family** | Matting |
| **Colour** | Black |
| **Available thicknesses** | 3 mm |
| **Roll width** | 800 mm |
| **Roll length** | 10000 mm |
| **Typical use** | Anti-slip / anti-vibration matting, cut to size. |

## Certifications & compliance

- REACH, RoHS and PAH compliant

## Technical properties

| Property | Test method | Typical value |
|---|---|---|
| Specific gravity | DIN 53508 / ASTM D297 | 1.50 ±0.05 |
| Hardness | DIN 53505 / ASTM D2240 | 65 ± 5 Sh A |
| Tensile strength (min) | DIN 53504 / ASTM D412 | 435 PSI / 30 kg/cm² |
| Elongation at break (min) | DIN 53504 / ASTM D412 | 200% |
| Abrasion resistance max | DIN 53516 | 300 mm³ |
| Compression set (70°C/24 h/25% compression) (max) | DIN 53517 / ASTM D395 METHOD B | 30 % |
| Tear resistance (angular) min | DIN 53515 / ASTM D624 | 112 lbs/inch / 20 kg/cm |
| **Change in properties after heat ageing for (72 h at 70 °C)** | ASTM D573 | |
| Hardness (pts) | | +5 (max) |
| Tensile strength (%) | | +20 / - 20 |
| Elongation at break (%) | | +25 / - 25 |
| **Volume swell: at 70°C for 72 h** | ASTM D471 | |
| In IRM oil No. 901 | | Not recommended |
| In IRM oil No. 902 | | Not recommended |
| In IRM oil No. 903 | | Not recommended |
| **Chemical resistance** | | |
| Ozone | ASTM D1149 | Not recommended |
| Dilute acids and bases | | Not recommended |
| Concentrated acids and bases | | Not recommended |
| Oils | | Not recommended |
| Solvents | | Not recommended |
| Temperature range | | -30 °C to +70 °C |
| Mat design | | Checker mat |