

DCGP 65150 DIAMOND CHECKERED MAT

PRODUCT CODE – DCGP 65150



TECHNICAL SPECIFICATIONS

| PROPERTIES | TEST METHOD | VALUES FPS UNITS | TEST METHOD | VALUES FPS UNITS |
|--|--------------------------|-------------------------------------|-----------------------|-------------------------------------|
| SPECIFIC GRAVITY | DIN 53508 | 1.50 ± 0.05 | ASTM D297 | 1.50 ± 0.05 |
| HARDNESS | DIN 53505 | 65 ± 5 Sh A | ASTM D2240 | 65 ± 5 Sh A |
| TENSILE STRENGTH (min) | DIN 53504 | 497 PSI | ASTM D412 | 35 kg/cm ² |
| ELONGATION AT BREAK (min) | DIN 53504 | 250% | ASTM D412 | 250 % |
| COMPRESSION SET (70°C/22 hrs/25% compression) (max) | DIN 53517 | 30 % | ASTM D395 METHOD B | 30 % |
| TEAR RESISTANCE (Angular) min | DIN 53515 | 112 Lbs/Inch | ASTM D624 | 20 Kg/cm |
| ABRASION RESISTANCE (max) | DIN 53516 | 300 mm ³ | | 300 mm ³ |
| CHANGE IN PROPERTIES AFTER | | | | |
| HEAT AGEING FOR (72 hrs. AT 70 °C) | | | ASTM D573 | |
| --- HARDNESS (Pts) | | +5 (Max) | | +5 (Max) |
| --- TENSILE STRENGTH (%) | | +20 / -20 | | +20 / -20 |
| --- ELONGATION AT BREAK (%) | | +25 / -25 | | +25 / -25 |
| VOLUME SWELL : AT 70°C FOR 72 HRS | | | ASTM D 471 | |
| IN IRM OIL NO.901 | | NOT RECOMMENDED | | NOT RECOMMENDED |
| IN IRM OIL NO.902 | | NOT RECOMMENDED | | NOT RECOMMENDED |
| IN IRM OIL NO.903 | | NOT RECOMMENDED | | NOT RECOMMENDED |
| CHEMICAL RESISTANCE | | | | |
| --- OZONE | | NOT RECOMMENDED | ASTM D 1149 | NOT RECOMMENDED |
| --- DILUTE ACIDS AND BASES | | NOT RECOMMENDED | | NOT RECOMMENDED |
| --- CONCENTRATED ACIDS AND BASES | | NOT RECOMMENDED | | NOT RECOMMENDED |
| --- OILS | | NOT RECOMMENDED | | NOT RECOMMENDED |
| --- SOLVENTS | | NOT RECOMMENDED | | NOT RECOMMENDED |
| TEMPERATURE RANGE | | -30° to + 70° C | | -30 ° to + 70° C |
| COLOR | | BLACK, BLUE GREEN, YELLOW,RED | | BLACK, BLUE GREEN, YELLOW,RED |
| MAT DESIGN | DIAMOND CHECKERED MAT | | | |

Note: All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.*