



WILLIAM JOHNSTON & COMPANY LIMITED

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Black Natural Rubber “Dust Cloth” Sheeting 40° shore WJ157

| PROPERTIES | TEST METHOD | VALUES FPS UNITS | TEST METHOD | VALUES METRIC UNITS |
|---|-------------|------------------|--------------------|---------------------|
| SPECIFIC GRAVITY | DIN 53508 | 1.10±0.05 | ASTM D297 | 1.10±0.05 |
| HARDNESS | DIN 53505 | 40 ± 5 SH A | ASTM D2240 | 40 ± 5 SH A |
| TENSILE STRENGTH (MIN) | DIN 53504 | 2350 PSI | ASTM D412 | 165 KG/CM2 |
| ELONGATION AT BREAK (MIN) | DIN 53504 | 600% | ASTM D412 | 600% |
| ABRASION RESISTANCE (MAX) | DIN 53516 | 120 MM3 | ASTM D5963 | 120 MM3 |
| COMPRESSION SET (70°C/24 HRS/25% COMPRESSION) (MAX) | DIN 53517 | 30% | ASTM D395 METHOD B | 30% |
| TEAR RESISTANCE (ANGULAR) MIN | DIN 53515 | 224 LBS/INCH | ASTM D624 | 40 KG/CM |
| CHANGE IN PROPERTIES AFTER HEAT AGEING FOR (72 HRS. AT 70 °C) | | | ASTM D573 | |
| --- HARDNESS (PTS) | | + 5 (MAX) | | + 5 (MAX) |
| --- TENSILE STRENGTH (%) | | + 10 / - 15 | | + 10 / - 15 |
| --- ELONGATION AT BREAK (%) | | + 10 / - 15 | | + 10 / - 15 |
| VOLUME SWELL: AT 70°C FOR 72 HRS | | | ASTM D 471 | |
| IN IRM OIL NO.1 | | NOT RECOMMENDED | | NOT RECOMMENDED |
| IN IRM OIL NO.2 | | NOT RECOMMENDED | | NOT RECOMMENDED |
| IN IRM OIL NO.3 | | NOT RECOMMENDED | | NOT RECOMMENDED |
| CHEMICAL RESISTANCE | | | | |
| --- OZONE | | FAIR | ASTM D 1149 | FAIR |
| --- DILUTE ACIDS AND BASES | | GOOD | | GOOD |
| --- 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 |
| PROPERTIES | TEST METHOD | VALUES FPS UNITS | TEST METHOD | VALUES METRIC UNITS |
| COLOUR | | BLACK | | |

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