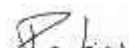


## MATERIAL SPECIFICATION

|                           |                          |                       |   |
|---------------------------|--------------------------|-----------------------|---|
| <b>GRADE:</b>             | <b>HC-80 Block/Sheet</b> | <b>Emitted by :</b>   | DNP   |
| <b>BINDER:</b>            | <b>Nitrile Rubber</b>    | <b>Emission Date:</b> | 00/04/11  |
| <b>CORK GRANULE SIZE:</b> | <b>0.5/1 mm</b>          | <b>Edition N°:</b>    | 02  |
| <b>COLOUR:</b>            | <b>Black</b>             | <b>Review Date :</b>  | 01/04/24  |
|                           |                          | <b>Approved by :</b>  |  |

### PHYSICAL CHARACTERISTICS:

|  |             |
|--|-------------|
| Density (kg/dm <sup>3</sup> )                | 0.80 - 1.09 |
| Hardness, Shore A                            | 65 - 86     |
| Compressibility at 400 psi (%)               | 10 - 25     |
| Recovery (min) (%)                           | 75          |
| Tensile Strength (min) (kg/cm <sup>2</sup> ) | 17.5        |

### FLEXIBILITY:

|                                   |           |
|-----------------------------------|-----------|
| Original (F5)                     | No cracks |
| ASTM N°1 Oil, 70 h at 100°C (F16) | No cracks |
| Oven aged, 70 h at 100°C (F16)    | No cracks |

### VOLUME CHANGE AFTER IMMERSION:

|                                 |            |
|---------------------------------|------------|
| ASTM N°1 Oil, 70 h at 100°C (%) | -10 to +10 |
| IRM 3 Oil, 70 h at 100°C (%)    | -8 to +15  |
| ASTM Fuel A, 22 h at RT (%)     | -5 to +10  |

### COMPRESSIN SET

|                                   |    |
|-----------------------------------|----|
| Method A, 22 hrs @ 70°C (%) (Máx) | 40 |
|-----------------------------------|----|

**TEST METHOD :** ASTM F 104-95

**LINE CALL-OUT :** ASTM F 104 F 229100 - M2 S9 T

### GENERAL INFORMATION AND APPLICATIONS :

A top quality heavy duty nitrile material with fine cork granules used extensively in applications where solvents and gasoline is sealed. Considered for use where the maximum in bolt pressures is a requirement.