

# ESPOLEX®

## THERMOPLASTIC ELASTOMER

### WT501

| Nominal Physical Properties <sup>(1)</sup> | ASTM Test Method             | Unit              | WT501A |
|--------------------------------------------|------------------------------|-------------------|--------|
| Density                                    | D1505 (JIS K7112)            | kg/m <sup>3</sup> | 880    |
| Melt Flow: Condition 230°C/5Kg             | D1238 (JIS K7210)            | g/10min           | 24     |
| Surface Hardness                           | ASTM D2240                   | Shore A           | 82     |
| Tensile Strength                           | JIS K6251                    |                   |        |
| 100% Modulus                               | (ASTM D412)                  | MPa               | 4.2    |
| Breaking Strength                          | Die 3                        | MPa               | 10.3   |
| Elongation at Break                        | 200mm/min                    | %                 | 570    |
| Tear Strength                              | JIS K6252<br>(70°C x 22 Hrs) | N/mm              | 40     |
| Compression Set 70C, 22Hrs                 | JIS K6262                    | %                 | 45     |

#### Suggested Applications:

- Weather seal
- TPV Corner Mold
- High Flow

Note 1: The nominal properties reported herein are typical of the product but do not reflect normal testing variance and therefore should not be used for specification purposes.

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