

## GENERAL PURPOSE FKM COMPOUNDS

THESE COMPOUNDS ARE BASED ON 100% FKM POLYMER AND OFFER A LOWER COST OPTION WHILE PROVIDING EXCELLENT COMPRESSION SET AND PHYSICAL PROPERTIES.

### K.C. Seals Material Codes

| PROPERTIES                         | F7DS  | F8DS  | F8DS-A | F9DS  | F9DS-A |
|------------------------------------|-------|-------|--------|-------|--------|
| TENSILE (PSI)                      | 1782  | 1814  | 1634   | 1926  | 1714   |
| ELONGATION (%)                     | 202   | 200   | 171    | 162   | 132    |
| 100% MODULUS (PSI)                 | 721   | 812   | 958    | 1268  | 1347   |
| DURO (SHORE A)                     | 72    | 76    | 82     | 86    | 90     |
| TEAR C (PSI)                       | 113   | 144   | 137    | 165   | 170    |
| SPECIFIC GRAVITY                   | 1.839 | 1.833 | 1.837  | 1.827 | 1.827  |
| COMPRESSION SET (70<br>HR @ 204°C) | <31%  | <25%  | <25%   | <28%  | <28%   |

Recommendations and design information are based on our experience, and information received. Testing in specific conditions and industry standards is for general guidance and does not constitute a guarantee or warranty of performance of product. Customer must decide suitability for its purpose. Testing of the part in actual conditions of use is always recommended.