

# DATA SHEET

## O-Ring 136166

### PART INFORMATION

|                                       |                 |
|---------------------------------------|-----------------|
| Part number                           | 136166          |
| Inside diameter d1                    | 50,17 mm        |
| Cross-section d2                      | 5,33 mm         |
| Size standard                         | R32/BS329/AS329 |
| Tolerance range according to          | ISO 3601-1      |
| Rubber family                         | FKM             |
| Rubber compound                       | 7DF2067         |
| Quality acceptance criteria on aspect | ISO 3601-3      |



### 7DF2067 COMPOUND INFORMATION

#### Original characteristics

|                                 |                  |
|---------------------------------|------------------|
| Hardness Sh A                   | 70               |
| Tensile strength                | 14 MPa           |
| Elongation at break             | 180 %            |
| Compression set                 | 20 % (72h 200°C) |
| TR10                            | -15 °C           |
| Brittle point                   | -25 °C           |
| Operational temperature range * | -25 °C / 200 °C  |
| Peak temperature                | 250 °C           |

|              |       |
|--------------|-------|
| Rubber color | Green |
|--------------|-------|

\* The temperature range is given as an indication and can be influenced by the environment, the fluids in contact and the operating conditions.

### FKM FAMILY

#### Very good resistance

Heat  
Mineral oils  
Domestic gas  
Atmospheric agents  
Fuels  
Aromatic and aliphatic agents

#### Good resistance

Chemical substances in general  
Acids

#### Poor resistance

Bases  
Brake fluids

#### Particularities

Limited resistance to cold  
Fairly good mechanical behaviour  
Good impermeability

#### Typical applications

Hard vacuum  
Hydraulic and pneumatic high temperature  
Industrial valves and fittings  
Injection carburation  
Engine seals

