

Datasheet
EPDM Rubber

MATERIAL: EPDM 50°/60°/70° POLYMER: EPDM

| Physical properties | Unit | Value | | | Standard |
|------------------------------------|-------------------|------------|------------|------------|-----------|
| | | 50° | 60° | 70° | |
| Hardness | ° Shore A | 50±5 | 60±5 | 70±5 | ASTM 2240 |
| | ° IRHD | 50±5 | 60±5 | 70±5 | ISO 48 |
| Tensile strength | min MPa | 10 | 10 | 10 | ISO 37 |
| Elongation at break | min % | 400 | 350 | 250 | ISO 37 |
| Tear strength | min N/mm | | | | ISO 34 C |
| Density, approximately | Mg/m ³ | 1,05 | 1,10 | 1,11 | |
| Compression set | | | | | ISO 815 |
| 24h/70°C: | max % | 20 | 20 | 20 | |
| 24h/100°C: | max % | 50 | 40 | 30 | |
| Working temperature range | ° C min/max | -40 / +135 | -40 / +135 | -40 / +135 | |
| Ageing change in | h/°C | 168/70 | 168/70 | 168/70 | ISO 188 |
| - hardness: | ° IRHD | 5 | 5 | 5 | |
| - tensile strength: | max % | 15 | -15 | -10 | |
| - elongation at break: | max % | 25 | -40 | -25 | |
| Colour | | Black | | | |
| Electrical properties | | | | | |
| Electric volume resistivity | Ohm x m | | | | |
| Electric strength | | | | | |
| Durability: | | | | | |
| Water | | Good | | | |
| Diluted acids and bases | | | | | |
| Conc. acids and bases | | | | | |
| Oil resistance | | Moderate | | | |