



AUTOMOTIVE INDUSTRY

Molding, black

**Quarter light gasket, nitrosamine reducing
65 Shore A, EPDM, sulfur cure / injection molding**

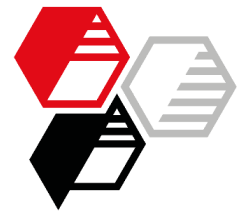
| Guide formulation of Exxon | K 91-59 |
|---------------------------------------|--------------|
| Vistalon 9500 | 40.0 |
| Vistalon 3666 | 105.0 |
| Grundöl AP/E Core 600 (ex Flexon 876) | 50.0 |
| FEF N-550 | 90.0 |
| SILLITIN Z 86 | 90.0 |
| PEG 3350 | 5.0 |
| Polyethylene wax | 4.0 |
| Stearic acid | 1.5 |
| Zinc oxide | 10.0 |
| Kagevest 25 (ex Polyvest 25) | 3.0 |
| Sulfur | 2.0 |
| MBTS | 1.0 |
| Vulkalent E/C | 0.3 |
| Perkacit TBzTD | 0.5 |
| Deovulc BG 187 | 2.0 |
| ZBEC | 0.5 |
| Total phr | 404.8 |

Mooney Viscosity

| | | |
|----------------|----|----|
| ML (1+4) 100°C | MU | 41 |
|----------------|----|----|

Monsanto Rheometer, ± 3°, 180°C

| | | |
|------------------|-----|-----|
| ML, minimum | dNm | 6 |
| MH, maximum | dNm | 53 |
| ts ₂ | min | 1.4 |
| tC ₉₀ | min | 4.7 |



K 91-59

Physical properties**Press cure 8 min @ 180°C**

| | | | |
|---------------------|-----------------|---------|------|
| Hardness | | Shore A | 67 |
| Modulus 100 % | | MPa | 4.0 |
| Tensile strength | | MPa | 10.1 |
| Elongation at break | | % | 300 |
| Tear resistance | DIN ISO 34-1, A | N/mm | 6.4 |

Compression set**Press cure 12 min @ 180°C**

| | | | |
|------------------------------|--------|---|----|
| 22 h @ 70°C, 25 % deflection | ASTM B | % | 41 |
|------------------------------|--------|---|----|

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