

MAIN CHARACTERISTICS:

- » Special silicone with higher resistance to chicken fat
- » Peroxide curing
- » High resistance to fat
- » Very good compression set
- » Conforms with recommendation XV BfR and CFR 21 FDA §177.2600

WHERE TO USE:

Household appliances and gastronomy

APPLICATION TEMPERATURE:

From -50°C to 300°C

QUALITIES:

FEATURE	STANDARD	FCR 50
Hardness (Shore A)	DIN 53505	50±4
Density (g/cm ³)	DIN ISO 1183-1 A	1,18±0,03
Tensile strength (MPa)	DIN 53504 S2	8,6
Elongation at break (%)	DIN 53504 S2	539
Tear strength (N/mm)	DIN ISO 34-1 A	8,6
	DIN ISO 34-1 B (m.E.)	25,7
	ASTM D624B	16,5
Rebound resilience (%)	DIN 53512	43
Compression set (%)	DIN ISO 815-B (22h/175°C/25%)	23
Burning behaviour [class]	UL94	HB self-classification
Operation temperature (°C)		-50 / +300
Colour		dark grey

The provided information comes from the testing and internal knowledge. It is supposed to represent the characteristics of the product. Yet it shouldn't be used as the end use specification, as the provided data are typical values. One should be aware that the actual testing if the material suits the desired application is to be done by the customer. Any suggestions as to where the material can be used are for guidance only and are not subject to warranty or guarantee. Subject to change without notice.