

### MAIN CHARACTERISTICS:

- » X-RAY detectable
- » Peroxide curing
- » Mechanical features are almost the same over the entire temperature range [-60°C to 200°C]
- » Very good compression set
- » Can be coloured (RAL)
- » Resistant to many chemicals
- » Conforms with recommendation XV BfR and CFR 21 FDA §177.2600

### WHERE TO USE:

- Food industry
- Household appliances and gastronomy
- Medical and pharmaceutical technologies
- Sanitary technologies

### APPLICATION TEMPERATURE:

From -60°C to 200°C

### QUALITIES:

FEATURE	STANDARD	XR 40	XR 60	XR 70
Hardness (Shore A)	DIN 53505 DIN EN ISO868	40±4	60±4	70±5
Density (g/cm <sup>3</sup> )	DIN 53479 ISO/R 1183	1.37±0,003	1.38±0,003	1.39±0,003
Tensile strength (MPa)	DIN 53504 ISO/DIS 37	8.5	8.7	9
Elongation at break (%)	DIN 53504 ISO/DIS 37	375	395	405
Tear strength (N/mm)	ASTM D624B	20.3	20.8	20.9
Compression set (%)	DIN ISO 815 (22h/175°C)	59	62	62
Operation temperature [°C]	-60 / +200			
Colour	white or coloured (RAL)			

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.