

Material Daten Sheet

THEKU 100

unleaded, cadmium free, standard color glossy black.
Matte black and other colors on request.

Properties

Hardness	Measuring method acc. to DIN 53505-3s und -15s	48° Shore A ±5
Density	Measuring method acc. to DIN 53479 Prozess A bei 20°C	1,15 g/cm ³
Tensile strength	Measuring method acc. to DIN EN ISO 527	8 Mpa
Elongation at break	Measuring method acc. to DIN EN ISO 527	440 %
Break at low temperature		no break up to -40°C
Burning rate	Measuring method acc. to ISO 3795	150 mm/min

The values given are averages from a large number of measurements with suitable testing equipment. They reflect our current state of knowledge and experience. While they describe the nature and uses of our product, they do not assure any specific properties.

Thermal Properties

Service temperature max.	- 30°C up to +70°C
Short-term temperature max.	- 40°C up to +90°C

Chemical Resistance

Acids, salt water	③
Alcaline solutions	④
Solvents	⑤

Wether Resistance

Sunlight	①
Ozone	②
Water	②

Oil Resistance

Mineral oil	⑤
Synthetic oil	⑤

① = very good ② = good ③ = satisfactory ④ = rather unsatisfactory ⑤ = unstable

Resistance depends graetly on the concentration of the media as well as ambient temperature. User's own tests are recommended.