



Technical Data Sheet

Thixotropic agent TM 100

Material	HD polyethylene fibrilde/ amorphous silicic acid
Specific weight in g/ cm ³	1.55
Dry heat resistance approx.	110 °C
Melting temperature approx.	132 °C
Moisture in delivery form max.	5 %
Colour	white

PHYSICAL PROPERTIES

Bulk density in g/ l approx.	40
Thickening effect	good
Resin surface structure	very good

GENERAL TECHNICAL SPECIFICATION

Light resistance	good
Weather resistance	good
Resistance to ageing	good
Acid resistance	only with strongly oxidising acids
Resistance to alkalis	PE: good, SiO ₂ : is dissolved from pH9
Resistance to solvents	slight swelling in HC and chlor. HC (temperature-dep.) compare LLDPE
Fineness strength in cN/tex	3.1 - 5.2
Tensile strength in N/mm ²	30 - 50
Maximum force elongation in %	5 - 30
Modulus in cN/tex	83
Modulus in N/mm ²	800

Durability from date of delivery 12 months

Store unopened at +5°C to +30°C and protected from moisture, draughts and UV radiation.

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