



TECHNICAL DATA SHEET

July - 2026

PRODUCT SIL - FOOD GRADE

PHYSICAL PROPERTIES	TEST METHOD	VALUES
DENSITY	ASTM D297	1.5/1.35 $\pm$ 0.05
HARDNESS	ASTM D2240 ISO 48-4	40/50/60/70 $\pm$ 5
TENSILE STRENGTH	ASTM D412 ISO 37	850 PSI 60 Kg/cm ²
ELONGATION AT BREAK	ASTM D412 ISO 37	220%
COMPRESSION SET (70°C/24 hrs/25% compression)	ASTM D395 ISO 815-1	40%
TEAR RESISTANCE	ASTM D624 ISO 34-1	110 lbs/in 20 Kg/cm
ABRASION RESISTANCE	---	---
TEMPERATURE RANGE	---	-90° to + 220° C
COLOR	---	RED, WHITE, TRANSLUECENT
DIMENSIONAL TOLERANCE	---	$\pm$ 7%
CHEMICAL RESISTANCE	TEST METHOD	VALUES
OZONE	---	VERY HIGH
ACIDS	---	VERY HIGH
OILS	---	NOT RECOMMENDED
SOLVENTS	---	NOT RECOMMENDED

Note: The technical data presented are typical values obtained under controlled laboratory conditions and are intended as a general guide. Actual properties may vary within normal manufacturing tolerances, and product performance may differ depending on the specific application, operating environment, and service conditions. Users are advised to evaluate the product's suitability for their intended application.