



TECHNICAL DATA SHEET

July - 2026

PRODUCT FKM-PREMIUM

PHYSICAL PROPERTIES	TEST METHOD	VALUES
DENSITY	ASTM D297	1.8 ± 0.05
HARDNESS	ASTM D2240 ISO 48-4	80 ± 5
TENSILE STRENGTH	ASTM D412 ISO 37	1400 PSI 98 Kg/cm ²
ELONGATION AT BREAK	ASTM D412 ISO 37	230%
COMPRESSION SET (70°C/24 hrs/25% compression)	ASTM D395 ISO 815-1	55%
TEAR RESISTANCE	ASTM D624 ISO 34-1	90 lbs/in 16 Kg/cm
ABRASION RESISTANCE	---	---
TEMPERATURE RANGE	---	-30° to + 275° C
COLOR	---	BLACK
DIMENSIONAL TOLERANCE	---	± 7%
CHEMICAL RESISTANCE	TEST METHOD	VALUES
OZONE	---	VERY HIGH
ACIDS	---	VERY HIGH
OILS	---	VERY HIGH
SOLVENTS	---	HIGH

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.