SYNICON
RUBBER SHEETS • MATS • FLOORING

TECHNICAL DATA SHEET

July - 2026

PRODUCT SYN-SB-55

PHYSICAL PROPERTIES	TEST METHOD	VALUES
DENSITY	ASTM D297	1.35 ± 0.05
HARDNESS	ASTM D2240 ISO 48-4	55 ± 5
TENSILE STRENGTH	ASTM D412 ISO 37	1130 PSI (79 Kg/cm^2)
ELONGATION AT BREAK	ASTM D412 ISO 37	280%
COMRESSION SET (70ºC/24 hrs/25% compression)	ASTM D395 ISO 815-1	30%
TEAR RESISTANCE	ASTM D624 ISO 34-1	110 lbs/in (20 Kg/cm)
ABRASION RESISTANCE (5 N)	ASTM D5963 ISO 4649	180 mm^3
TEMPERATURE RANGE	---	-20º to + 70º C
COLOR	---	BLACK, RED, ORANGE
DIMENSIONAL TOLERANCE	---	± 7%
CHEMICAL RESISTANCE	**TEST METHOD**	**VALUES**
OZONE	---	NOT RECOMMENDED
ACIDS	---	NOT RECOMMENDED
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.