



AMORIM

AMORIM CORK COMPOSITES

MATERIAL SPECIFICATION

Sheets

Grade: NCA50 (213) **Approved by:**
Binder: Synthetic Rubber **Revision:** 18
Cork Granule Size: 1-2 mm **Effective:** 03/04/28

Physical Properties:

Test Method	Property	Specification
ASTM D2240	Hardness, Shore A	50 - 70
ASTM F1315	Density (kg/m ³)	560 – 880
ASTM F152	Tensile Strength (Mpa)	1.03 min.
ASTM F36	Compressibility (400 psi), (%)	40 – 50
ASTM F36	Recovery, (%)	80% min.
ASTM F147	Flexibility, initial (F=5)	No cracks
ASTM D395	Compression Set, Method A, 22 hrs., 70°C (%)	45 max.

Properties after aging:

Test Method	Property	Specification
ASTM F146	Volume Change, ASTM #1, 70 hrs. at 121°C (%)	-5 to +10
	Volume Change, IRM 903, 70 hrs. at 121°C (%)	+20 to +40
	Volume Change, Fuel A, 22 hrs. at RT (%)	0 to +15