



AMORIM

AMORIM CORK COMPOSITES

MATERIAL SPECIFICATION Sheets

Grade: NCA45 (208)

Binder: Synthetic Rubber

Cork Granule Size: .5/2 mm

Approved by:

Revision: 22

Effective: 03/01/31

Physical Properties:

Test Method	Property	Specification
ASTM F-1315	Density (kg/m ³)	560 – 760
ASTM D 2240	Durometer Shore A (pts)	50 – 70
ASTM F 152	Tensile Strength (Mpa)	.96 min.
ASTM F 36	Compressibility (400 psi), (%)	30 – 55
ASTM F 36	Recovery, (%)	75
ASTM F 147	Flexibility, initial (F=5)	No cracks
ASTM D 395	Compression Set, Method A, 22 hrs., 70°C (%)	55 máx.

Properties after aging:

Test Method	Property	Specification
ASTM F 146	Volume Change, ASTM #1, 70 hrs. at 100°C (%)	-10 to +10
	Volume Change, IRM 903, 70 hrs. at 100°C (%)	+5 to +40
	Volume Change, Fuel A, 22 hrs. at RT (%)	0 to +15