



AMORIM

AMORIM CORK COMPOSITES

MATERIAL SPECIFICATION Sheets

Grade: NC80 (212) **Approved by:**
Binder: Chloroprene Rubber **Revision:** 15
Cork Granule Size: .5-1 mm **Effective:** 03/10/31

Physical Properties:

Test Method	Property	Specification
ASTM D2240	Durometer, Shore A (pts)	65 – 85
ASTM F-1315	Density (kg/m ³)	880 – 1120
ASTM F 152	Tensile Strength, (Mpa)	1.72 min.
ASTM F 36	Compressibility (400 psi), (%)	15 – 25
ASTM F 36	Recovery, (%)	80% min.
ASTM F 147	Flexibility, initial (F=5)	No cracks
ASTM D395	Compression Set, Method A, 22 hrs., 70°C (%)	50 max.

Properties after aging:

Test Method	Property	Specification
ASTM F 146	Volume Change, ASTM #1, 70 hrs. at 100°C (%)	0 to +10
	Volume Change, IRM 903, 70 hrs. at 100°C (%)	+15 to +50
	Volume Change, Fuel A, 22 hrs. at RT (%)	0 to +15