



AMORIM

AMORIM CORK COMPOSITES

## MATERIAL SPECIFICATION Sheets

**Grade: NC60 (211)**

**Approved by:**

**Binder: Synthetic Rubber**

**Revision: 12**

**Cork Granule Size: 1-2 mm**

**Effective: 03/05/20**

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### Physical Properties:

Test Method	Property	Specification
ASTM D2240	Durometer, Shore A (pts)	55 – 75
ASTM F-1315	Density (kg/m <sup>3</sup> )	784 – 1040
ASTM F 152	Tensile Strength, (Mpa)	1.37 min.
ASTM F 36	Compressibility (400 psi), (%)	23 – 40
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 (%)	45 max.

### Properties after aging:

Test Method	Property	Specification
ASTM F 146	Volume Change, ASTM #1, 70 hrs. at 100°C (%)	-2 to +20
	Volume Change, IRM 903, 70 hrs. at 100°C (%)	+20 to +55
	Volume Change, Fuel A, 22 hrs. at RT (%)	+5 to +20