



AMORIM

AMORIM CORK COMPOSITES

MATERIAL SPECIFICATION

Rolls

Grade: HC80 (297)

Approved by:

Binder: Nitrile Rubber

Revision: 02

Cork Granule Size: .5-1 mm

Effective: 03/03/21

Physical Properties:

Test Method	Property	Specification
ASTM D2240	Hardness, Shore A	65 – 85
ASTM F1315	Density (kg/m ³)	800 – 1040
ASTM F152	Tensile Strength (Mpa)	2.07 min.
ASTM F36	Compressibility (400 psi), (%)	15 – 30
ASTM F36	Recovery, (%)	80% min.
ASTM F147	Flexibility, initial (F=5)	No cracks
ASTM D395	Compression Set, Method A, 22 hrs., 70°C (%)	35 max.

Properties after aging:

Test Method	Property	Specification
ASTM F146	Volume Change, ASTM #1, 70 hrs. at 100°C (%)	-10 to +5
	Volume Change, IRM 903, 70 hrs. at 100°C (%)	-5 to +15
	Volume Change, Fuel A, 22 hrs. at RT	-5 to +10