



AMORIM

AMORIM CORK COMPOSITES

MATERIAL SPECIFICATION Sheets

Grade: HC60 (238)
Binder: Nitrile Rubber
Cork Granule Size: 1-2 mm

Approved by:
Revision: 23
Effective: 03/07/21

Physical Properties:

Test Method	Property	Specification
ASTM D2240	Durometer, Shore A (pts)	60 – 80
ASTM F-1315	Density (kg/m ³)	640 – 880
ASTM F 152	Tensile Strength, (Mpa)	1.72 min.
ASTM F 36	Compressibility (400 psi), (%)	25 – 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 (%)	40 max.

Properties after aging:

Test Method	Property	Specification
ASTM F 146	Volume Change, ASTM #1, 70 hrs. at 100°C (%)	-5 to +10
	Volume Change, IRM 903, 70 hrs. at 100°C (%)	-2 to +15
	Volume Change, Fuel A, 22 hrs. at RT (%)	-2 to +10