AMORIM

AMORIM CORK COMPOSITES

MATERIAL SPECIFICATION
Sheets

Grade: **SP50 (266)** **Approved by:**

Binder: **Nitrile Rubber** **Revision: 17**

Cork Granule Size: .5-1 mm **Effective: 03/10/13**

Physical Properties:

Test Method	Property	Specification
ASTM D2240	Durometer, Shore A (pts)	40 – 60
ASTM F-1315	Density (kg/m^3)	400 min.
ASTM F 152	Tensile Strength, (Mpa)	0.34 min.
ASTM F 36	Compressibility (400 psi), (%)	20 – 40
ASTM F 36	Recovery, (%)	80% min.
ASTM F 147	Flexibility, initial (F=5)	No cracks

Properties after aging:

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

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