AMORIM

AMORIM CORK COMPOSITES

MATERIAL SPECIFICATION

Rolls

Grade: **NC60 (288)** **Approved by:**

Binder: **Synthetic Rubber** **Revision: 05**

Cork Granule Size: 1-2 mm **Effective: 03/05/20**

Physical Properties:

Test Method	Property	Specification
ASTM D2240	Hardness, Shore A	55 – 75
ASTM F1315	Density (kg/m^3)	720 – 960
ASTM F152	Tensile Strength (Mpa)	1.72 min.
ASTM F36	Compressibility (400 psi), (%)	25 – 40
ASTM F36	Recovery, (%)	80% min.
ASTM F147	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 F146	Volume Change, ASTM #1, 70 hrs. at 100°C (%)	-5 to +15
	Volume Change, IRM 903, 70 hrs. at 100°C (%)	+15 to +50
	Volume Change, Fuel A, 22 hrs. at RT	0 to +15

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