

AMORIM CORK COMPOSITES  
ENGINEERING MATERIALS SPECIFICATIONS  
P31

Approved by:  
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**Description:** The P31 is a medium-heavy density cork composition material containing a polymeric binder system and 10/20 cork granule. Primarily used in gasket applications, the P31 conforms to ASTM F104 (F219000M9RTZ1Z2Z3).

CONFORMANCE TESTS

<u>TEST METHOD</u>	<u>PHYSICAL PROPERTIES</u>	<u>SPECIFICATION</u>
ASTM F1315	(Z1) = Density, lbs./ft <sup>3</sup>	20 min.
ASTM F152, Method B	(M9) = Tensile Strength, psi	150 min.
ASTM F36, Procedure F	(9) = Compressibility @ 100 psi	15 to 30%
ASTM F36, Procedure F	(Z3) = Recovery, (%)	65 minimum
ASTM F147	(T) Flexibility as received	F=5

QUALIFICATION TESTS

ASTM F148, Procedure A Water, 3 hrs.	No disintegration	(R) Boiling
ASTM F148, Procedure C 2 hrs. @ 100°C	No disintegration	(R) ASTM #1 Oil,
ASTM F148, Procedure B HCl, 1/2 hr.	No disintegration	(R) Boiling 35%
ASTM F146 disintegration	(Z2) ASTM Fuel A, 10 days, R.T.	No