

Product Specification Sheet

JM-7102

Product Description: JM-7102 is a non-asbestos cost-effective calendared sheet sealing material. Its composition is comprised of environmentally friendly aramid fibers, special inorganic fillers, and nitrile rubber binders. It has steady and well-balance mechanical properties. JM-7102 was designed to offer good fuel and oil resistance. It is suitable for heavy-duty transmission valves and other heavy-duty applications, The applicable temperature of this product is -40°C- 300°C.

Product Gauge: 0.5±0.05mm. (Other thickness can be made upon requested)

Specification Properties:

Property	Unit	Value	Test Method
Density	g/cm ³	1.6 – 2.0	ASTM F1315
Tensile Strength, AMD	MPa	≥ 6.0	ASTM F152
Compressibility (34.5 MPa)	%	≥ 7.0	ASTM F36
Recovery	%	≥ 40	ASTM F36
Fluid Immersion #903 Oil (150°C×5h)			ASTM F146
Tensile after immersion	MPa	≥ 7.0	
Weight Change	%	≤ 20	
Thickness Change	%	≤ 15	
Fluid Immersion, Fuel B (21-30 °C×5h)			ASTM F146
Weight Change	%	≤ 20	
Thickness Change	%	≤ 15	

Remark: The description and performance data provided herein constitutes material specifications for quality control purposes, but do not imply suitability for use in a specific application. Your specific application should not be undertaken without independent study and evaluation for suitability. Failure to select a proper sealing product may result in either property damage or personal injury. For questions regarding specific applications, contact Junma Sealing Technology, Inc. for assistance.