

Product Specification Sheet

JM-C02

JM-C02 is an asbestos-free cylinder head facing material composted with inorganic fibers, fillers, and a nitrile butadiene rubber binder. It can combine easily with metal cores and has good crush resistance, oil resistance with low creep relaxation properties. It is suitable for Original Equipment and after-market use. JM-C02 has an upper temperature limit of 350°C.

Specification Properties:

Property	Unit	Value	Test Method
Density	g/cm ³	≥ 1.0	ASTM F1315
Tensile Strength, AMD	MPa	≥ 3.5	ASTM F152
Compressibility (34.5 MPa)	%	15 - 30	ASTM F36
Recovery	%	≥ 30	ASTM F36
Fluid Immersion, IRM 903 Oil (150°C×5h)			ASTM F146
Tensile Strength after immersion	MPa	≥ 2	
Change in Weight	%	≤ 60	
Change in Thickness	%	≤ 15	
Fluid Immersion, Fuel B (21-30 °C ×5h)			ASTM F146
Change in weight	%	≤ 50	
Change in Thickness	%	≤ 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.