

materialdata

LEAH Y03

PET Compressor piston ring and packing material

LEAH Y03 is a compression molded, bronze-filled, PTFE compound, has better thermal conductivity than carbon and glass filled PTFE compounds, is recommended for high temperature and high pressure wet air applications such as PET compressors.

Other than critical condition, LEAH Y11 has been developed to replace Y03 and provides exceptional wear resistance in similar condition.

Typical Properties of LEAH Y03

Tensile strength at 20°C (Mpa)	15
Elongation at 20°C (%)	120
Coefficient of thermal expansion (/°C)	77-95x10 ⁻⁶
Hardness (Shore 'D')	65-70
Specific gravity	3.8
Suggested temperature limit (non-lube air compressors) (°C)	210

LEAH should be consulted for the proper design and application of its engineered products and materials.

For further advice and technical support please contact LEAH via the details:

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LEAH Industries
Compressor parts and service