

materialdata

LEAH Y02

Compressor piston ring and packing material

LEAH Y02 is a compression molded, glass-fiber reinforced, PTFE compound. Glass fibers are added to decrease creep and wear rate, can be used most lubricated applications.

LEAH Y02 has been developed to give safe and reliable use in oxygen compressors and provides exceptional wear resistance in similar condition.

Typical Properties of LEAH Y02

Tensile strength at 20°C (Mpa)	12
Elongation at 20°C (%)	125
Coefficient of thermal expansion (/°C)	70-90x10 ⁻⁶
Hardness (Shore 'D')	60-65
Specific gravity	2.3
Suggested temperature limit (lube gas / non-lube oxygen compressors) (°C)	200

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