

materialdata

LEAH Y06

Special polymer alloy for dry nitrogen compressor

LEAH Y06 is a proprietary compound for use in oil-free dry nitrogen compressors, or in other inert gases such as helium or argon and shows extreme high performance in non-lubricated application than traditional PTFE compound.

LEAH Y06 may be selected for low to medium pressure nitrogen compressors. For high pressure nitrogen compressors and for most packing duties, the special grades LEAH Y07 or 08 may be used.

Typical Properties of LEAH Y06

Tensile strength at 20°C (Mpa)	9
Elongation at 20°C (%)	2-4
Coefficient of thermal expansion (/°C)	70-90x10 ⁻⁶
Hardness (Shore 'D')	65-70
Specific gravity	2.0
Suggested temperature limit (non-lube nitrogen / air 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