

# materialdata

## LEAH Y04

### Compressor piston ring and packing material

**LEAH Y04** is a compression molded, carbon fiber enforced PTFE compound, offers better attributes in non-lubricated applications, also perform good in lubricated applications.

Other than critical condition where require long lifetime, LEAH Y05 or Y07 is an alternative option.

#### Typical Properties of LEAH Y04

Tensile strength at 20°C (Mpa)	15
Elongation at 20°C (%)	100
Coefficient of thermal expansion (/°C)	74-117x10 <sup>-6</sup>
Hardness (Shore 'D')	62-67
Specific gravity	2.2
Suggested temperature limit (non-lube gas 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:

**Jacky Wu**

Tel: +86 21-5762 1378 Cell: +86 137 8890 4373

E-mail: shanghai.jwu@outlook.com

[www.leahindustries.com](http://www.leahindustries.com)



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*Compressor parts and service*