

MATERIAL DATASHEET

Material Reference:

FLUORONOID® FL612

PTFE with Special Fillers

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> **Description** >

FL612 is typically used for compressor rings.

> **Typical Physical Properties #**

Properties	Value	Method
Specific Gravity	2.10-2.14	BS EN ISO 13000-2
Tensile Strength	>16 MPa	BS EN ISO 13000-2
Elongation	>100 %	BS EN ISO 13000-2
Shore D Hardness	68-73	BS EN ISO 13000-2
Radial CTE ($\times 10^{-5}/\text{degC}$) at 23degC	6.5	
Axial CTE ($\times 10^{-5}/\text{degC}$) at 23degC	8.0	

These figures are typical values for the material and do not represent a product specification. Properties will vary depending on the source of raw material, method of processing, physical form of the product, direction of measurement etc.