

ECONYL ECO TM L4 GY:2813

PHYSICAL PROPERTIES - Typical values

Density

STANDARD

ISO 1183

SI UNITS

1.34 g/cm³

MECHANICAL PROPERTIES - Typical values

Charpy unnotched @ 23°C

Charpy notched @ 23°C

Tensile break elongation @ 23°C

Tensile break strength @ 23°C

Tensile modulus @ 23°C

Flexural strength at yield @ 23°C

Flexural strength at break @ 23°C

STANDARD

ISO R 527-1

ISO R 527-1

ISO R 527-1

ISO R 178

ISO R 178

SI UNITS

73 kJ/m²

10 kJ/m²

3.1 %

150 MPa

9000 MPa

7430 MPa

220 MPa

Specimens were obtained from representative samples of the above described material.. Specimens moulded by injection in accurately controlled conditions are then conditioned according to the practice ASTM D618 - procedure A (40hrs/23°C/50%R.H.). The above listed properties may be subjected to variations and therefore can not be adopted as specifications. In addition, the same properties may be influenced by several factors, like moulding techniques used and the size and the shape of the moulded part. Therefore, the contents of this publication does not imply that all the moulded parts will have the same properties as indicated in the data sheet itself. Customer should always check the property values on the moulded parts. Customer should always make sure of having the most recent copy of the publication.