

Specification Sheet

CELLINK PCL

Product description

CELLINK PCL is a high-molecular weight ($M_n = 50,000$) thermoplastic linear polyester derived from caprolactone monomer. This biodegradable polyester has a melting point of 60°C and is printable with the Thermoplastic Printhead set to 200°C following the PCL Printing Protocol.

Intended use

PCL provides a reinforcing structure to load-bearing tissue constructs, including bone grafts and osteochondral plugs developed for in vitro and in vivo studies. It can also provide a temporary scaffold for overhanging structures.

Product number

TP60505

Shelf life

Minimum 6 months, expiration date stated on package.

Storage and handling

Store at $2-10^\circ\text{C}$. Keep container tightly closed, with the desiccant bag inside, in a dry and well-ventilated place.

Safety

Handle in accordance with good hygiene and laboratory safety practices. Read **Safety Data Sheet** (SDS) PCL for more information regarding ingredients and potential hazardous compounds.

Related documents

Printing Protocol and Safety Data Sheet can be downloaded from our website at <https://www.cellink.com/product/cellink-pcl/>.

Property	Specification	Method
<i>Appearance</i>	White pellets	Visual inspection.
<i>Sterility</i>	Non-sterile	-