



## Nylene® Nylon 6

A Renewable Resource

Nylene® Nylon 6 is like an ice cube -  
renewed from water to ice, again and again.

*Nylene de-polymerization technology allows for Nylon 6 to be used, recovered and re-made into brand new nylon, a perpetually endless closed-loop, cradle to cradle process.*

By offering products made from renewable materials and giving consumers the option of recycled content, you are planting a powerful seed of sustainability that is set to become a way of life for generations to come.

When consumers are introduced to a product that is not only environmentally sustainable but high in quality, and just as good as - if not better than - the product it replaces, it provides a powerful incentive for change.

That's why products made by Nylene are so important. We manufacture nylon 6, one of the

most renewable plastics on the planet. Nylon 6 can be recycled over and over again, saving irreplaceable resources each time. This is true closed-loop recycling because resources are repurposed into new materials without the dead end of the landfill.

Through a process called de-polymerization we convert post-consumer and post-industrial nylon 6 waste back to its one chemical component, caprolactam. The caprolactam is then remanufactured into brand new nylon, recycled without any loss of properties or quality, over and over again.

De-polymerization of other plastics, such as nylon 6,6, is much more complicated to achieve as they are made with more than one chemical component. Unfortunately these materials are considered to be non-renewable and are often re-used (down-cycled) into lesser products that eventually end up in landfill or incinerated.

By using renewable materials like nylon 6 with recycled content you demonstrate your commitment to conserving natural resources, minimizing waste, and meeting the specification requirements of high-performance, sustainable products.



Our environmental process and program is certified by an independent third party, Scientific Certification Services. This certification acknowledges our system-wide sustainable practices and manufacturing processes. It attests to our commitment to providing environmentally sensible, sensitive and sustainable products and programs.

### About Nylene Canda Inc.

Nylene Canada, Inc., is an established manufacturer of polymers, nylon compounds, engineered plastics, and nylon carpet fiber. Nylene's site in Arnprior Ontario has been producing nylon 6 since 1966. At this location, Nylene has operated a de-polymerization process for over 40 years to chemically recycle nylon 6 from around the world.

