SONGWON is a leading specialist in products and technologies for the wire and cable industry. Our broad portfolio of SONGSTOMER™ polyether-based engineering materials enables us to design customized solutions for numerous wire and cable applications. Thanks to their excellent physical and technical attributes, SONGSTOMER™ TPU polymers are widely used by wire and cable manufacturers to produce high-quality cable jackets. SONGSTOMER™ TPU grades combine a variety of properties that help to extend the service life of valuable cable systems.
SONGWON – Long lasting expertise for the wire and cable industry

SONGSTOMER™ TPU polymers are suitable for the manufacture of robust and reliable cable jackets and generate significant value for cable manufacturers...

... Their excellent flow characteristics allow the design of complex shapes and the production of dimensionally stable components, thus minimizing waste.

... Their outstanding resistance at low temperatures helps to maintain high productivity because jackets do not become brittle and retain their flexibility.

... Their high resistance to abrasion, oil and weathering helps to prolong the life of the end product and reduce maintenance requirements.

Outstanding properties
High tensile strength
Wear resistance
Toughness
Good resistance to low temperatures
Weather and oil resistance
Excellent resistance to hydrolysis

Demanding applications
Power/sensor cables for industrial robots
Robotic arm cables
Control cables for windmills and turbines
Solar panel cables
Power cables for mining and off-shore applications
Cables for transportation systems
SONGSTOMER™ TPU polymers recommended for cable applications

Storage conditions

SONGSTOMER™ TPU products are supplied in pellet form.
The materials are packed in 25kg aluminum-polyethylene bags.
The materials must be stored in a cool and dark place.
Once open, reseal the bags to protect the contents.

Drying conditions

SONGSTOMER™ TPU products must be dried before processing.
Recommended drying conditions:
70-80°C for 3-4 hours in dehumidifying dryer.
The moisture content should not exceed 0.05%.
Avoid unnecessarily prolonged drying periods to prevent any TPU discoloration.
SONGWON provides customers with warranties and representations as to the chemical or technical specifications, compositions and/or the suitability for use for any particular purpose exclusively in individual written agreements.

The facts and figures contained herein have been carefully compiled to the best of SONGWON’s knowledge but are essentially intended for informational purposes only.

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