



SOLVAY

asking more from chemistry®



Technyl Star®

The unique technology
polyamide 6 that brings
unequaled fluidity.

Technyl Star® is one of the many polymers offered
by Amco Polymers: a fast, flexible company with
an entrepreneurial attitude backed by the largest
polymer distribution company in the world.

Discover the Benefits of Technyl Star®

TECHNYL STAR® is recommended for a variety of applications such as office chairs, pedals/pedal boxes, automotive and EE applications. Several process advantages exist for these products such as cost efficiency, high yield and flexibility in design.

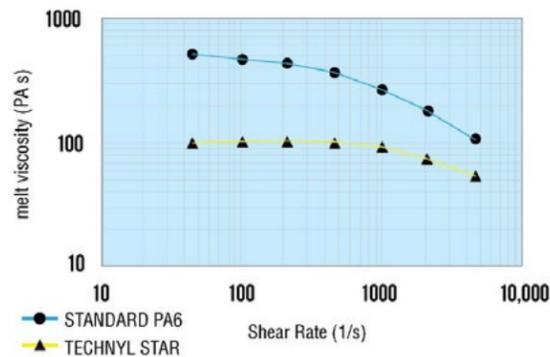
Process Advantages

- High fluidity
- Lower cycle time -20% (mini)
- Injection pressure reduction -30% (mini)
- Temperature reduction: Up to 40°C



Cost-Efficient High Yield

- Increased production rates
- Opportunity to downsize machines
- Reduced equipment wear
- Energy savings



Part Advantages

When considering using TECHNYL STAR® for your next application, our knowledgeable team can explain several of the key benefits. For example, TECHNYL STAR® is highly compatible with coloring, painting, and electroplating, and has dimensional stability through reinforcement up to 65%.

Customers can rely on our team to be a resource of knowledge for questions regarding TECHNYL STAR® Products and to offer on-site field support worldwide.

Other benefits include:

- Excellent surface aspects
- No glass fiber on surfaces
- Limited warpage
- High stiffness
- Flexibility in design
- Thinner ribs and walls
- Larger parts
- Improved surface aspect



LINEAR PA6
(Entangled structure)



STAR PA6
(Few entanglement)

With the depth of knowledge at Amco Polymers, we live up to our mission every day and provide round-the-clock expertise that ensures our customers succeed. We pride ourselves in keeping up with the industry's newest technologies and thermoplastic grades, which helps improve your product quality, uptime and bottom line.



Typical Applications

- Connectors, switches
- Intake manifolds, radiator tanks, door handles, mirror housings
- Vacuum cleaner handles
- Power tool housings
- Brackets, housings
- Gears, cams, bearing
- Fasteners
- Metal replacement

Let Amco Polymers help you select the right material for your application, at a cost-effective price.



Amco Polymers is an agile, solutions-focused distributor and compounding company with an extraordinary breadth in resin selection. For more than 60 years, Amco has provided customers with peace of mind by building genuine relationships, providing responsive 24-hour customer service, and delivering with industry-leading logistics. For more information, visit us at www.AmcoPolymers.com.



Solvay Engineering Plastics is a global leader in polyamide-based engineering polymers. Solvay develops, manufactures and commercializes a complete range of high-performance materials for automotive and transportation, construction and energy, consumer goods and industrial equipment under the Technyl® brand.

"We were looking for a material that met our needs. Others didn't even look at our criteria, but Amco Polymers found a material that matched it perfectly and we were impressed. Their knowledge of materials made the difference."

Amco Polymers
1900 Summit Tower Blvd,
Suite 900, Orlando, FL, 32810
800.262.6685
AmcoPolymers.com