

Saint-Gobain Hycomp Product Brochure

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22.1 Hycomp Carbon Fibre Composite

Saint-Gobain Performance Plastics produces various polymer products like ptfе bearings, teflon slide bearing namely Rulon®, Meldin®, Hycomp, HKO and OmniSeal®. These high performance products are served to a number of industries like Steel, Chemical, Food and Beverages, Aerospace, Automotive etc. The advantage of these Performance Plastics is that they can be used to produce required products like bushings, liners, etc. with required dimensions.

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22.1 Hycomp Carbon Fibre Composite

Hycomp is a high-temperature polymer developed by Saint-Gobain Performance Plastics for critical application areas. It comes in two variants WearComp and FibreComp, both are featured with exclusive properties like lower friction coefficient(0.18/0.25), wear resistance with very high mechanical strength, and temperature up to 600°F.

22.1.1 WEARCOMP®



Selection parameters

Parameters	Min	Max
Temperature		600 °F

Hycomp is a high-temperature polymer developed by Saint-Gobain Performance Plastics for critical application areas. WearComp® is featured with exclusive properties like lower friction coefficient(0.18/0.25), wear resistance with very high mechanical strength, and temperature up to 600°F.

Industries it caters to

- Steel & Aluminium Manufacturer

Product application

- Chock / Mill Window Liners
- Pass Line Adjustment Liners
- Edge Trimming Liners
- Dividing Shear Liners
- Roll Polishers
- Extrusion and Forging Equipment
- Scrap Shearing Machinery

22.1.2 FIBRECOMP®



Selection parameters

Parameters	Min	Max
Temperature		600 °F

Hycomp is a high-temperature polymer developed by Saint-Gobain Performance Plastics for critical application areas. FibreComp® is featured with exclusive properties like lower friction coefficient(0.18/0.25), wear resistance with very high mechanical strength, and temperature up to 600°F.

Industries it caters to

- Steel & Aluminium Manufacturer

Product application

- Bushings, Manifolds and split rings for can manufacturing
- Manifolds for IC spray, decorator, light tester and vacuum parts
- Piston Rings
- Stamped and Formed Seals
- Extruded Shapes