### DQBD - Skeleton saddles





# RILSAN® FINE POWDERS

- Polyamide 11 is a 100% renewable material produced from castor oil
- Highly flexible
- Ductile material with outstanding fatigue resistance
- ✓ Customized saddles offer comfort & functional design
- ✓ Reduction of costs & time for new product developments

### Cobra Puma - Golf club cavity inserts



# RILSAN<sup>®</sup> FINE POWDERS

- Polyamide 11, the material of choice for series production
- Golf clubs feature a 3D printed cavity medallion designed with an intricate lattice
- Save weight
- Create a more suitable gravity center for better launch
- ✓ High performance enabler
- ✓ Best choice for sport designers

ARKENA 3D Printing application examples

#### Hexr - World's first custom made 3DP helmet



### RILSAN<sup>®</sup> FINE POWDERS

- Polyamide 11, the material of choice for challenging applications
- Flexibility & comfort
- Resistant to breaking
- High durability due to superior fatigue and impact resistance
- ✓ Optimized lightweight design for skull protection
- ✓ Aerated structure for comfort and safety

### Burton- Step on snowboard binding



# RILSAN<sup>®</sup> FINE POWDERS

- Polyamide 11 is a 100% renewable material designed for performance
- Excellent fatigue resistance
- High performance, even at low temperatures
- ✓ Customization
- ✓ Freedom of design for innovative shapes like snowboard bindings
- ✓ Shorten development phase

ARKENA 3D Printing application examples

### Zweikampf - Shin guards

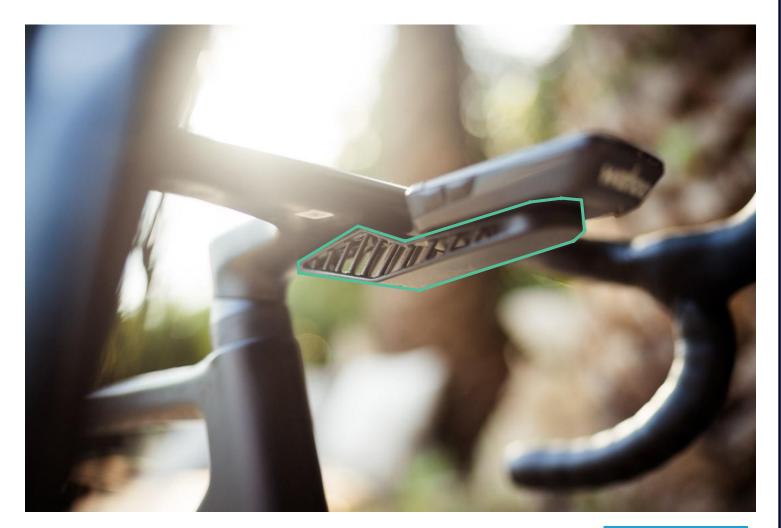


# RILSAN<sup>®</sup> FINE POWDERS

- Polyamide 11, the material of choice for durable applications
- Unequaled impact resistance
- Comfort & player safety
  - ✓ Customizable scalable design for shin guards
  - ✓ 3D Printing is ideally suited to limited editions

ARKENA 3D Printing application examples

### Canyon - Functionally integrated bike computer mount









# RILSAN<sup>®</sup> FINE POWDERS

- Ultrasint® PA11 Black CF
- High strength & rigidity
- Requirements of the mount:
  - Light
  - Steady
  - Ensure excellent readability of bike computer during the ride
- Component weight: Only 17g
- ✓ Virtual Engineering expertise
- ✓ Perfect-fit material