

# Polyalchemy

Portfolio coverage, product-level engineering context and comparative public manufacturer positioning.



3DPiceland Labs  
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**Public-data contract:** portfolio statistics and positions use only explicitly allowlisted MaterialIDs and existing Verified Material Summary scores. No measurement or score is recalculated.

Public materials  
**1**

Product lines  
**1**

Material types  
**1**

With results  
**1**

Complete profiles  
**1**

Average overall  
**29/100**

Public global rank  
**25 of 25**

Benchmark manufacturers  
**25**

## Manufacturer overview and public global position

| Materials | Product lines | Types | With results | Complete | Average overall | Global rank | Portfolio leader                        | Strongest axis | With MSRP | With video |
|-----------|---------------|-------|--------------|----------|-----------------|-------------|-----------------------------------------|----------------|-----------|------------|
| 1         | 1             | 1     | 1            | 1        | 29/100          | 25 of 25    | Polyalchemy Elexir Fire<br>PLA Silk Red | stiffness      | 1         | 1          |

Manufacturer website: [Open manufacturer website](#)

## Category position by base material

| Base material | Public manufacturer position | Average overall | Scored products |
|---------------|------------------------------|-----------------|-----------------|
| PLA           | 17 of 17                     | 29/100          | 1               |

### Overall leaders

Polyalchemistry Elixir Fire PLA  
Silk Red

29/100

### Consistency leaders

Polyalchemistry Elixir Fire PLA  
Silk Red

49/100

## Product-level engineering context

| MaterialID | Material                                 | Product line | Type | Reinforcement | Coverage | Engineering axes | Overall | Tensile | Impact | Stiffness | Consistency | Layer adhesion | Strongest axis | MSRP USD/kg | Product                      | Video                        |
|------------|------------------------------------------|--------------|------|---------------|----------|------------------|---------|---------|--------|-----------|-------------|----------------|----------------|-------------|------------------------------|------------------------------|
| MAT0092    | Polyalchemistry Elixir Fire PLA Silk Red | Elixir       | PLA  |               | Complete | 5/5              | 29/100  | 18/100  | 10/100 | 56/100    | 49/100      | 10/100         | stiffness      | \$25.00     | <a href="#">Product page</a> | <a href="#">Video review</a> |

Results are comparative 3DPIceland measurements and do not replace manufacturer datasheets or accredited laboratory testing.

[Testing methodology](#) · [Engineering methodology whitepaper](#) · [Download PDF](#)

Stable public path: reports/manufacturers/polyalchemistry/