

# PRIME™ 20 ULV

## Ultra Low Viscosity Epoxy Infusion System

**PRIME™ 20 ULV is an ultra low viscosity epoxy infusion system designed for the manufacture of large composite parts.**

The low initial mixed viscosity of 140cP at 25°C for PRIME™ 20 ULV reduces the time to infuse parts and makes it easier to infuse heavyweight glass and carbon fabrics, resulting in higher quality, lower cost parts.

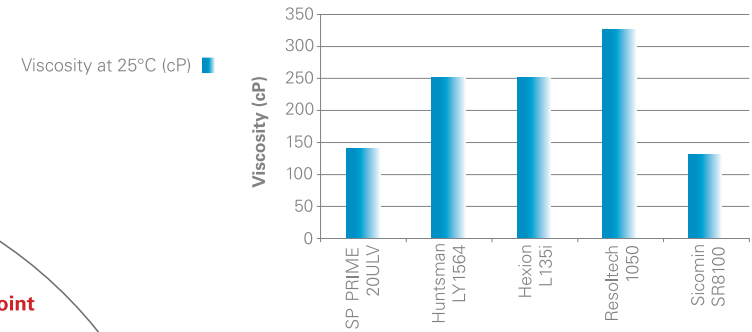
PRIME™ 20 ULV has good cure progression at ambient only cures and when cured has twice the toughness of PRIME™ 20LV/Slow.

The increased toughness of PRIME™ 20 ULV makes this product ideal for production boatbuilders wanting to use polyester gelcoats with epoxy backing laminates; excellent adhesion to VE skincoats (Reichhold & DSM products).

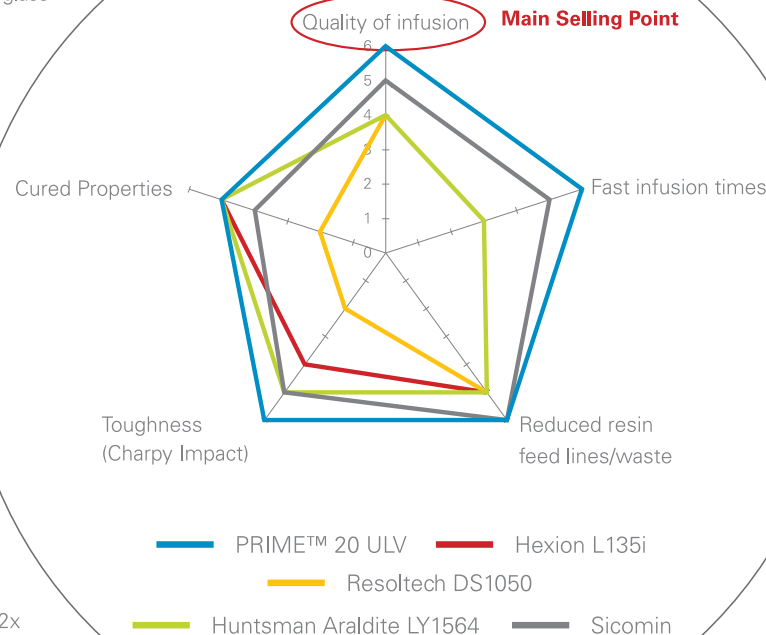
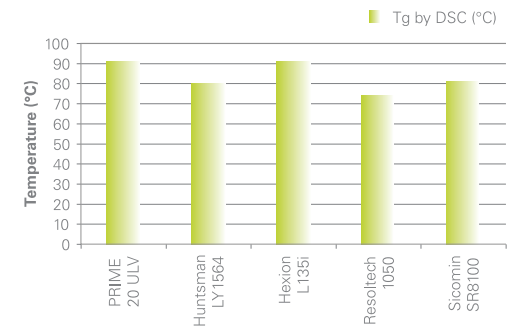
### Main benefits of PRIME™ 20ULV

- Low viscosity of 140cP at 25°C
- High toughness
- Fast infusion times associated with lower viscosity – 2x faster when compared to most competitive systems
- Easy wet-out of heavyweight glass and carbon reinforcements leading to higher quality parts
- High toughness at ambient only cures
- Ideal for production boatbuilders wanting to use polyester gelcoats with epoxy backing laminates; excellent adhesion to VE skincoats (Reichhold & DSM products)
- Lower cost parts – reduced number of resin feed lines required resulting in faster infusion setup times and less waste

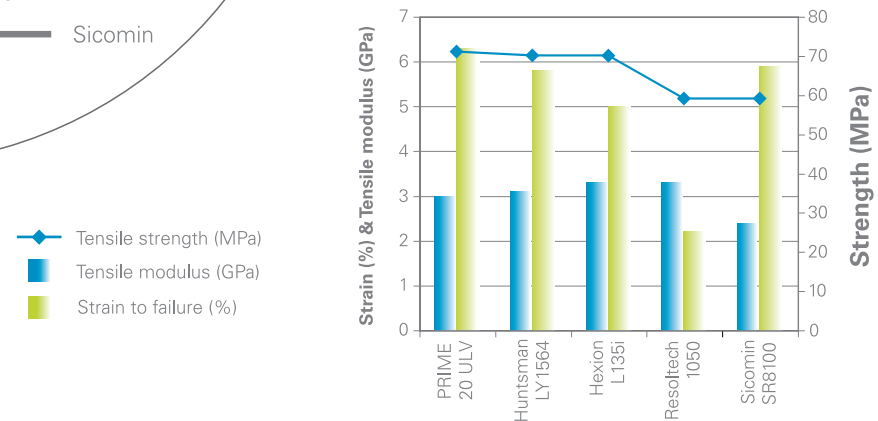
### Viscosity of PRIME™ 20 ULV vs competition



### Temperature Performance vs Competitors Tg by DSC (°C)



### Mechanical Properties vs Competitors





# PRIME™ 20 ULV

Ultra Low Viscosity Epoxy Infusion System



**Gurit (Canada) Ltd**

T + 1 819 847 1863  
info-na@gurit.com

**Gurit (UK) Ltd**

T + 44 (0) 1983 828 000  
marine@gurit.com

**Gurit (Australia) Pty Ltd**

T + 61 (0) 2 9979 7248  
info-au@gurit.com

**Gurit (Tianjin) Ltd**

T + 86 22 8210 6850  
gurit@gurit.com

[www.gurit.com/marine](http://www.gurit.com/marine)