



HIGHER PERFORMANCE REINFORCEMENT FOR LFT AND CFRT

SE4849, SE4121, and SE4805 high performance (HP) single-end rovings provide a boost in mechanical properties combined with best in class dispersion and processability for LFT and CFRT applications. These features can be leveraged for part performance enhancement or part redesign for cost optimization and lightweighting.

OC HP — NEXT LEVEL COMPOSITES

Product Benefits



Outstanding Mechanical Properties

- Increase in tensile strength by **9%**
- Increase in modulus by **11%**
- Increase in impact (Izod notched) of **17%**
- Potential density reduction of **6%**



Reduce Part Weight

- Reduced part thickness, leading to **9%** weight savings at **30%** glass loading
- Or reduced glass loading to enable **2.5%** weight savings without changing performance or part thickness



Thermoplastic Compatibility

- Use with polyolefins: PP, PE, and HDPE resin systems
- LFT pellet and tape manufacturing performance

Applications



Contact your Owens Corning representative for product availability and packaging options.

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