

## Technical Data Sheet

# Durolight<sup>®</sup> S4

GFK-UP

### Typical characteristics

- UV-resistant
- Low thermal conductivity

### Typical industries

- Chemical Processing Industry
- Mechanical Engineering Industry
- Oil and Gas
- Pipelines

	Test method	Unit	Guideline value
<b>General properties</b>			
Standard Color			Grey
Maximum Service Temp.		°C	288
Continuous Use Temp.		°C	211
<b>Mechanical properties</b>			
Compressive Strength	Internal*	lbf	100,000+
Density	ASTM D 792	lbs/ft <sup>3</sup>	123
Flexural Strength	ASTM D 790	psi	24,000
IZOD Impact Strength (notched)	ASTM D 256	ft. lb./in.	8
<b>Thermal properties</b>			
Subambient Operating Temperature		°C	-165
Thermal Conductivity	ASTM C 177	W / (m * K)	0.3
<b>Flame resistance properties</b>			
UL Subject 94	UL 94		HB
<b>Physical properties</b>			
Water Absorption	ASTM D 570	% by wt.	0.2

\*Simulated field test was administered. For more information, including test results, please contact Röchling Industrial Cleveland.

[ri-inquiry@roechling.com](mailto:ri-inquiry@roechling.com) • [www.roechling.com/industrial/materials](http://www.roechling.com/industrial/materials)

