

Technical Data Sheet

Durolight[®] 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
General properties			
Standard Color			Grey
Maximum Service Temp.		°C	288
Continuous Use Temp.		°C	211
Mechanical properties			
Compressive Strength	Internal*	lbf	100,000+
Density	ASTM D 792	lbs/ft ³	123
Flexural Strength	ASTM D 790	psi	24,000
IZOD Impact Strength (notched)	ASTM D 256	ft. lb./in.	8
Thermal properties			
Subambient Operating Temperature		°C	-165
Thermal Conductivity	ASTM C 177	W / (m * K)	0.3
Flame resistance properties			
UL Subject 94	UL 94		HB
Physical properties			
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.

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