



Hawkhead, Inc  
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## PRODUCT DATA SHEET: HWK-431

**PRODUCT DESCRIPTION:** HWK-431 is a premium rigid molded, medium coefficient, heavy-duty semi-metallic material. The dark gray material, containing carbon fibers, has high compressive strengths.

**APPLICATION:** HWK-431 exhibits excellent fade resistance and friction stability, making it a good choice for integrally molded disc brakes and blocks.

**PHYSICAL PROPERTIES:**

Tensile Strength-	1200
Comp. Strength-	20000
Shear Strength-	2200

**FRICITION PROPERTIES:**

Coefficient of Friction:	Normal	.42
	Hot	.41
	@ 400 F.	.42
	Static @ 200 F.	.44

**Friction Code:** EE

**Recommended Operating Limits:**

Max. Pressure, psi	500
Max. Rubbing Speed, ft/min.	6000
Temperature Max. F., intermittent	750
Temperature Max. F., continuous	600

**COEFFICIENT OF FRICTION** from SAE J661a test procedure

