

ID Material:
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TF2082DF

DUAL FRICTION GEAR

THERMOFIBER 2082DF is an extra high-strength, non-scoring gear-tooth material. When combined with our TF1820 (red) on the friction face, TF2082DF delivers both extended gear-tooth life and powerful torque capacity.

THERMOFIBER 2082DF friction gears provide an affordable option to nodular iron and kevlar laminate. Ideal for applications like stone crushers, rotomills and drilling rigs where maximum shear strength is required.

Technical Data

<u>Properties According IEC 893</u>	<u>Test Method</u>	<u>Value</u>	<u>Unit</u>
Density	ISO 1183/A	approx 1.4	g/cm ³
Flexural strength at 23°C/150°C/180°C	ISO 178	130	Mpa
Flexural modulus of elasticity	ISO 178	approx 7000	Mpa
Impact strength (Charpy) parallel to laminations	ISO 179/3 C	>8.8	kJ/m ²
Tensile strength	ISO 527	80	Mpa
Thermal endurance	IEC 216	120	T.I.

