

ENGINEERING DATA SHEET

DSM 3.10.4

FTL128

ASMP

1. Definition:

FTL128 is a rigid moulded product. It is light brown in colour and contains a proportion of brass chipping to enhance its heat dissipation properties. This is a non-asbestos material, based on a blend of synthetic fibres with a specially developed resin binder.

2. General:

FTL128 combines a medium friction coefficient with good resistance to fade and a low rate of wear. It machines well and discs can readily be gear cut for use in multiplate clutches. This material is suitable for use either dry or in oil immersed application.

Benefits:

- Non-asbestos material
- Combines a medium friction coefficient
- Good resistance to fade
- Low rate of wear
- It machines well

3. Typical Applications:

- Clutches for marine gearboxes Steering clutches.
- Clutches for machine tools, presses and other industrial plant and machinery.
- Miscellaneous industrial devices

4. Mechanical Properties:

These values are representative. For critical applications, refer to datasheet.

Mechanical Properties					
MATERIAL:	TENSILE STRENGTH:	YOUNGS MODULUS:	ELONGATIO N BREAK:	TENSILE MODULUS:	DENSITY:
FTL128	32 N/mm2	–	–	–	1.78 g/cm ³

5. Colours:

- Available in light brown

6. Manufacturers Material Data Sheet:

Please see below attached PDF document of the material data sheet from Industrial Clutch Parts (Europe Source Material) and Asia source material. Both materials are acceptable to one another dependant on global availability

Europe Source Material

<https://s3-eu-west-1.amazonaws.com/industrialclutch/pdfs/ICP%20-%20FTL128.pdf>

Asia Source Material



Asia Source -
Composite Resin.pd

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