

# Product Data Sheet

## CoatForce® CF10

Engineered mineral fibre (Note Q)



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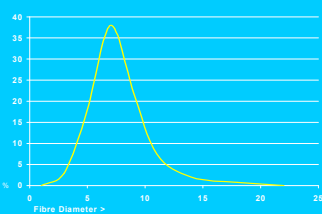
CoatForce® CF10 is a high quality engineered mineral fibre. Its fibre length results in an excellent dispersion in various matrix materials e.g. water- and solvent based resins, bitumen. CoatForce® CF10 gives excellent mechanical properties to various paint and coating systems.

### Chemical Analysis

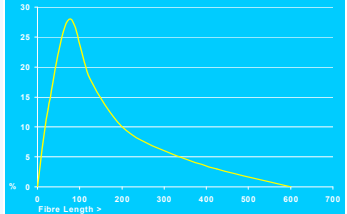
All CoatForce® products are worldwide exonerated from classification as a carcinogen.

	Min.	Max.
SiO <sub>2</sub>	37 %wt	42 %wt
Al <sub>2</sub> O <sub>3</sub>	18 %wt	23 %wt
CaO+MgO	34 %wt	39 %wt
FeO	0 %wt	1 %wt
K <sub>2</sub> O+Na <sub>2</sub> O		3 %wt
Others		3 %wt

### Typical average fibre diameter



### Typical average fibre length



### ADVANTAGES OF COATFORCE® CF10

- CoatForce® CF10 shows in various applications added values in improvement of mechanical properties and rheological behaviour.
- CoatForce® CF10 has an off-white colour and very low shot content.
- CoatForce® CF10 is worldwide safe to use with respect to Health and Safety regulations.

Parameter	Average/Tolerance	Testmethod
Non-Fibrous Material	Norm. Max. N > 125 µm 0.1%wt 0.2%wt	TV 316
Fibre Length	125 ± 25 micron	TV 305
Ignition Loss	max. 0.3 %wt	TV 302
Moisture Content	max. 0.1 %wt	TV 302
Fibre diameter (mass wt. av.)	approx. 7 micron	TV 165
Fibre diameter ( num. av.)	approx. 5 micron	TV 165
Specific surface area	approx. 0.22 m <sup>2</sup> /g	TV 165
Hardness	6 Moh	
Melting Point	> 700 °C	Furnace, Visual
Specific Density	2.71 ± 0.1 g/cm <sup>3</sup>	
Colour	off-white	Visual
Oil absorption	approx 20 g/100 g	ASTM D281

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ISO 9001 LF007.F08

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