FINORCHEM
BREATHING CHEMISTRY

PRODUCT DATA SHEET

Product Name : **ACMETOL 1105**

Product Description : Combination of metal soaps and an aromatic disulphide

Supply Form : Beige coloured Flakes

Parameters	Specification			Reference Test Method
	Units	Min	Max	
Dropping Point	°C	90	100	ASTM D 3954
Zinc Content	%w/w	7.5	8.5	ASTM D 297
Specific Gravity @ 25C	….	1.05		ASTM D 1817
Physiological Behavior	….	Refer to safety data sheet		….
Storage Stability	….	2 years under normal storage condition		….
Packaging	….	25 KG paper bag		….

Storage conditions: : Preserved in cool and dry atmosphere in Closed original packaging.

RECOMMENDATIONS FOR APPLICATION

ACMETOL 1105 is a **non-discoloring** multifunctional additive based on aprocessing additive which is used as a mild mastication additive. It gives excellent dispersion in rubber, and at the same time the dispersion of powdery compounding materials is improved.

ACMETOL 1105's performance differs from standard chemical peptizers. Its masticating effect is somewhat slower; however, it remains active for a longer period of time. Preferably the high molecular weight polymer chains are broken down, resulting in more uniform molecular weight distribution and better dynamic vulcanizate properties.

The optimum performance of ACMETOL 1105 is achieved at about 130°C, but isalso effective at considerably lower temperatures and can therefore be used on two-roll mills at temperatures above 90°C.

DOSAGE: 1 – 3 phr.

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