FINORCHEM
BREATHING CHEMISTRY

PRODUCT DATA SHEET

Product Name : **ACMETOL 16**

Product Description : Combination of fatty acid soaps, predominantly Calcium.

Supply Form : Beige to light brown colour flakes / pastilles*

Parameters	Specification			Reference Test Method
	Units	Min	Max	
Dropping Point	°C	96	108	ASTM D 3954
Ash Content @ 850^0 C for 2hrs.	% w/w	3.0	7.0	QC/STP/U1/02A
Specific Gravity @ 25^0 C	…	0.95	1.05	ASTM D 1817

Storage Stability : 2 years under normal storage condition.

Storage Conditions : Preserved in cool and dry atmosphere in closed original packaging.

Packaging : 25 kg paper bag.

Recommended Dosage : 1.0 – 5.0 PHR

Application : Suitable for most of the elastomers like EPDM, IIR, CIIR, BIIR, CR, IR, ACM and BR

Properties

ACMETOL 16 is used in rubber compounds to improve the flow properties. This effect is attributable to a considerable reduction of the viscosity (internal friction) of the green compound and a decrease of the sliding friction when in contact with metal surfaces. The release effect of ACMETOL 16 is remarkable. ACMETOL 16 eliminates sticking to rotors in internal mixers or on open mills and calender rolls, and improves mold release, especially when complicated mold designs are involved. ACMETOL 16 has a slight activating effect on the cure rate of sulfur-containing compounds.

Method of Addition

ACMETOL 16 can be added at any stage of the mixing cycle, even during the warm up stage of the finished compounds prior to calendering. However, to achieve the optimum release effect and reduction of friction, it is best to add the ACMETOL 16 during the final mixing stage.

*Currently available in flakes form only

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