

Technical Data Sheet

Pine Tar C. 260



Introduction:

C.260 Pine Tar consists of a mixture of neutral and acidic complex isoprenic hydrocarbon derived from pine trees.

- Acts as a plasticiser, softener and tackifier in rubbers, and is the preferred plasticiser for natural rubber.
- Use enables a reduction or omission of stearic acid in the compound, and it activates thiazole cures.
- Has excellent softening powers
- Gives good dispersion of fine particle carbon blacks
- Imparts good green tack
- The pine odour is not too strong

Uses:

Used as a processing aid in rubber compounding.

Typical Characteristics:

Product Description			
	Appearance	Dark brown, viscous liquid.	
	Odour	Pine	
Composition			
	Substance	% by Weight	
	Tall oil pitch	65-75	
	Tall oil mixture	25-35	
Properties			
	Property	Unit	Value
	Specific Gravity		1.02
	Viscosity @ 50°C	cP	270-285
	Moisture Content	%	0.1
	Acidity as Acetic Acid	%	0.1
	Ash Content	%	0.2
	Solubility in Benzene	%	99.6
	Acid Number	mg KOH/g	59
	Volatility (2hrs at 150°C)	%	2.0
	Copper Content	ppm	Less than 10
	Manganese Content	ppm	Less than 10

Shelf Life:

Shelf life is indefinite, but a maximum of 2 years is recommended, when stored dry in a benign atmosphere.

Packaging:

200kg, steel tight head drums

Health & Safety:

Detailed advice on the Health & Safety aspects of this product is given in the individual product Safety Data Sheet (SDS), available upon request.