

PT SIDDHARTA MANDIRI INDONESIA

Pusat Niaga Terpadu

Jl. Daan Mogot Km. 19,6 Blok C No. 8 B

Tangerang, 15122

Tlp. 021-5451119, 54372733 Fax. 021-54372303

H602

Homogenizing Agent

Function	Homogenizing, dispersing and tackifying resin for solid rubbers and bonding solutions	
Product description	Composition:	Polymerisation resin of unsaturated aromatic C9/C10 hydrocarbons
	Appearance:	Light yellow pastilles
	Specification characteristics	
	Softening point (ASTM-D 6493):	95 - 105 °C
	Colour [Gardner] (ISO 4630):	3 - 11 (50 % in toluene)
	Ash (DIN 52005):	max. 0.1 %
	Physiological properties:	see safety data sheet
Use		
Mode of action:	H602 improves the dispersion characteristics of fillers and solid chemicals in diene rubber compounds based on NR, SBR, BR and NBR. Processing characteristics and tack of green compounds are enhanced. H602 has no effect on the vulcanization characteristics of diene rubber compounds. The application of H602 improves physical properties such as modulus, tensile strength, elongation at break and compression set. Dynamic properties of tires like wet-skid resistance ($\tan \delta$ 0 °C) and high speed characteristics ($\tan \delta$ 90 °C) are enhanced as well. H602 reduces crack propagation of vulcanizates under dynamic stress.	
Processing:	H602 should be incorporated together with the fillers. Best distribution and therefore particular high efficiency is achieved when the softening point of H602 is exceeded during the mixing process.	
Dosage:	3 - 10 phr	
Application:	Truck tires, passenger car tires, industrial and bicycle tires, retreads, conveyor belts and other technical rubber goods.	
Packing	25 kg paper sacks	
Storage stability	In original sealed containers under cool and dry conditions, the product has a shelf life of 1years.	