

NOCRAC

STRONG ANTIOXIDANT

Various Grades Of NOCRAC :-

Trade Name	Composition	Specification		Characteristics & Application
NOCRAC B	Reaction Product of diphenylamine & acetone	Appearance	Dark brown Viscous Liquid	Antioxidant Efficiency :- Heat & Flex-Cracking Resistant Rubber Staining Property :- Remarkable Used for NR, IR, BR, SBR, NBR & CR A Superior Antioxidant for Heat & Flex-Cracking Resistant & has no Influence on Vulcanizing Action & Non-Bleeding Character. Suitable Only for Dark Color Products, especially tire carcasses & Inner-Tubes. Recommended Quantity :- 1 – 2 phr
		Ash	0.3% max.	
		Heating Loss	0.5% max	
		Sp.gr	1.06 ~ 1.12 (at 25°C)	
NOCRAC CD	4,4-Bis(a,a-dimethylbenzyl) diphenylamine	Appearance	Grayish White Powder	Antioxidant Efficiency : Heat & Flex-Cracking Resistant Rubber Staining Property :- Slight Used for NR, IR, BR, SBR, NBR, CR & ACM. Effective Against Heat, Oxidation & also flex-Cracking. Less discoloring & Staining similar to ODA & AD. Especially Effective Excellently Against Heat for ACM. Recommended Quantity :- 1-6 phr
		Melting Point	90°C min	
		Ash	0.3% max	
		Heating Loss	0.3% max	
NOCRAC MB	2-Mercaptobenzimidazole (2-Benzimidazolethiol) (O-Phenylene thiourea)	Appearance	Light Yellowish White Powder	Antioxidant Efficiency : Peroxide Decomposer Rubber Staining Property : None Used for NR, IR, BR, SBR, NBR & Latex. Non-so-called inhibitor, but Resistant Against peroxide Composition of Rubber Hydrocarbon, so-called Secondary Ageresister, More Effective against aging When use in Combination with Other Antioxidants. Particularly Good Result Born for Compound with Sulfenamide Group Accelerator like as CZ or MSA. A Heat-Sensitizer for NR Latex & weak Retarder to Acidic Accelerator. Also Accelerator Effective for CR & so on. Its has very useful Character. Recommended Quantity :- 0.5-2 phr
		Melting Point	285°C min	
		Ash	0.3% max	
		Heating Loss	0.3% max	
NOCRAC MBZ	Zinc Salt of 2-mercaptobenzimidazole	Appearance	Grayish White or Light	Antioxidant Efficiency : Peroxide Decomposer Rubber Staining Property : None Used for NR, IR, BR, SBR, NBR & Latex. Secondary Age-Resister & Heat-Sensitizer as MB. Usage as same as MB. Recommended Quantity :- 0.25 – 1 phr.
			Yellow White Powder	
		Decomposing Point	270°C min	
		Ash	25.0% max	
		Heating Loss	1.0% max	