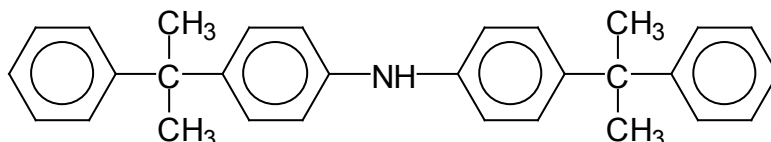


Dusantox[®] 86

Chemical Composition: Dusantox[®] 86 is an unrefined dicumyldiphenylamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]aniline or 4,4'-bis(1,1-dimethylbenzyl)-diphenylamine

Empirical Formula: C₃₀H₃₁N

Structural Formula:



Physical Form: Pastilles of rosy to brownish colour.

Technical Parameters:

Melting point	min. 85.0 °C
Volatiles (3 h/70 °C)	max. 0.5 % by weight
Acetone insolubles	max. 0.1 % by weight
Ash (at 750 °C)	max. 0.1 % by weight
Specific gravity (at 20 °C)	1,000 - 1,140 kg.m ⁻³
Bulk density	530 - 640 kg.m ⁻³

Solubility:

Dusantox[®] 86 is well soluble in rubbers, oils and organic solvents such as acetone, toluene, benzene, chloroform. Very slightly soluble in water and alcohols.

Application:

Dusantox[®] 86 is antidegradant for universal application especially for rubber goods based on CR as well as on NR, IR, BR, SBR, NBR, EPDM and their combinations. It protects effectively and for a long time against influences of oxygen, heat and dynamic fatigue action. It provides also good protection against rubber poisons. The vulcanizates are being coloured by light influence just very slightly, therefore it is possible to use it in light compounds. It does not cause contact colouring. Dusantox[®] 86 does not bloom even at high dosage. It does not influence the basic physico-mechanical properties of vulcanizates. Its volatility is very low. Antidegradation effectiveness can be significantly increased by combination with imidazoles, phenols or phosphites (heat and thermooxidative resistance) or p-phenylenediamines (ozone resistance). Dusantox[®] 86 is also applicable as stabilizer for plastics, lubricants, oils and other substrates.

Packaging and Storage:

Dusantox[®] 86 is packed in multilayer PE-coated paper bags of 25 kg net, with valve closure, or in big-bags of 500 - 1,200 kg. It is possible to pack it to big-bags of 500-1,200 kg weight. The product should be stored/transported in dry and covered places/vehicles. Storage life in undamaged original packaging is two years under the observation of storage conditions.

The given data are only of an informative character and are not comprehensive. Further information can be obtained:

0106



Producer:

Duslo, a. s.
Administratívna budova ev. č. 1236
927 03 Šafa
Slovak republic

Sales contact:

Duslo, a. s.
Nobelova 34
836 05 Bratislava
Slovak republic

Tel.: +421 2 4951 2762, +421 2 4951 2757
Fax: +421 2 4951 3263
E-mail: rubber@duslo.sk
Internet: <http://www.duslo.sk/>