



Pentonox – 6PPD

Antioxidant

Composition : N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine

Specification : Color : Black /Brown
Appearance : Beads
Melting Point : 45 - 50 °C
Ash content : 0.5 % Max
Heat Loss : 0.5 % Max

Dosage :
• 0.5 – 4.0 phr

Uses and Benefits :

- Pentonox – 6PPD is the most suitable PPD antidegradant for NR, NR-BR blend, SBR, SBR-BR blend, NBR, IR, IIR and polychloroprene based compounds.
- Pentonox – 6PPD is an alkyl-aryl-PPD antidegradant most widely used in the tyre and non-tyre sector of the rubber industry.
- Pentonox – 6PPD offers excellent resistance to rubber vulcanizates against degradative forces such as ozone (static as well as dynamic), flex-cracking and fatigue, oxidative heat ageing, metal-ion catalyzed oxidative ageing, UV light and weathering.
- Pentonox – 6PPD beads are easy to handle on all types of weighing systems and quickly disperse in rubber compounds even at lower processing temperatures.
- Pentonox – 6PPD is not recommended for white / colored products since it can cause severe discoloration as well as contact / migration staining.
- Pentonox – 6PPD exhibits very good solubility in general purpose rubbers and its mobility is further improved in the presence of paraffin / microcrystalline / blended wax.
- Pentonox – 6PPD tends to decrease the viscosity of the rubber compounds and also acts as a very mild amine activator of cure.
- Pentonox – 6PPD is an effective antidegradant for butyl tubes to prevent strain induced cracking due to ozone attack at the folded edges of the packed tube.
- Pentonox – 6PPD alone can provide excellent protection to rubber vulcanizates against all degradative forces.

Packing : 25kg Polylinedpolywoven bag / Polylined paper bag.

Storage stability : Up to 1 year in normal storage conditions.

Handling : Consult material safety data sheet (MSDS) for additional handling information for Pentonox – 6PPD.

PUKHRAJ ADDITIVES LLP

An ISO 9001:2008 Certified Company

5B, 5th Floor, Diamond House, Plot No. 515, Behind National College,
TPS III, 35th Road, Bandra (W), Mumbai, Maharashtra - 400 050 (INDIA).

Tel: +91-9833538089/+91-22-26494911/26494912/26494913

Email: info@pukhrajzinculet.com Visit us at: www.pukhrajzinculet.com