

Description

PEPTON 77 is a non-dusting chemical peptiser which provides handling and environmental improvements over conventional powder form peptisers.

Composition

2,2'-Dibenzamidodiphenyl disulphide (38 to 42%) blended with a synergistic activator, inert carrier and organic dispersants.

Typical Properties

Appearance	blue-green particles
Odour	slight, characteristic
Ash % wt.	24 - 32
Activator %	0.30 - 0.50

Application

PEPTON 77 catalytically reduces the viscosity of natural rubber and unsaturated synthetic elastomers during compounding in open or internal mixers. Its physical form is suitable for automatic weighing and feeding systems.

Benefits

Where viscosity reduction is required, **PEPTON 77** increases the mastication efficiency of open and internal mixers and therefore enhances compounding productivity by reducing both power consumption and mixing time.

Recommended Dosage

0.1 - 0.5 phr for natural rubber
1.5 - 3.0 phr for unsaturated synthetic elastomers

Temperature Range

Effective in mastication at 70°C and above, optimum performance is achieved at 150 - 160°C.

Packaging

20 kgs in sealed polythene liner bag in cardboard carton.

Storage Stability

Good, under cool dry conditions. However, **PEPTON 77** should be used within four years of manufacture. Some compaction may occur in storage. This is normal and will not affect the inherent performance of the product.