

Deovulc ATP-70

Single Accelerators

Description

Deovulc ATP-70 is a vulcanization accelerator for rapid cure of EPDM and diene rubbers. It is commonly applied in combination with additional accelerators, e.g. thiazols or sulfenamides. Deovulc ATP-70 gives a way to high cross link concentration and vulcanizes with low compression set as well as excellent heat aging results

Composition

Preparation of zinc dialkyldithiophosphate and amine, 70% adsorbed on silica

Application

For nitrosamine free, rapid sulphur vulcanization of EPDM and diene rubber. Suitable for all common processing techniques, e.g. extrusion or moulding (IM, TM, CM)

Dosage

0.5 – 2.5 phr

Typical physical properties

		Unit
Colour	White to Beige, non dusting powder	/
Total Sulphur	11.0 – 13.0	%
Density at 20°C	1.40	g/cm ³

Benefits

Nitrosamine safe
 Fast cure accelerator primarily in EPDM
 For low compression set and improved heat resistance
 High level of cross linking in combination with additional thiazol or sulphamide accelerators

Associated products

Deovulc TP 4-75 V
 Deovulc HDC-70

Storage

In originally sealed package in cool and dry places at max. 25°C
 Storage stability: min. 12 months

Supply Form

20 kg in cardboard boxes with PE-inliner

German Food Legislation (BfR recommendation XXI)

Not approved

US Code of Federal Regulations, FDA – CFR Title 21, 177.2600

Not listed

Version: 01/2022