



TECHNIC® PbO-80

BONDING AGENT FOR RUBBER TO STEEL CORD

TECHNICAL DATA SHEET

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Product

TECHNIC® PbO-80

Classification

Bonding agent for rubber to zinc / brass coated steel cord in polymer binder.

Composition

80 % yellow lead (II) oxide with 20% polymer

Properties

Product

Physical Form	Solid
Color	Orange
PbO % (By Ash @850°C/1 hrs)	80.0 ± 1.5
Specific Gravity at 25°C	3.23(+/-) 0.10

Solubility

Product

Toluene	Rubber solution
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Storage properties

Stable in cool and dry places under packed condition.

Application -

Technic PbO80 is a bonding agent for both brass / zinc coated steel cord. It is highly compatible with polymer such as NR/SBR/PBR/CR/EPDM/NBR/CSM. It has to be used along with Resorcinol Donor, HMMM (Methylene Donor) and PPT Silica. It can also be used along with Cobalt Salt bonding agent. It also behaves as anticorrosive agent for steel cord. It is soluble in NR/SBR/PBR/CR/EPDM/NBR/CSM polymer and is used in adhesion compound for zinc and brass coated steel cord. For CR base adhesion compound, resorcinol diacetate (blocked resorcinol) is preferred. So any rubber product required metal cord to rubber bonding during vulcanization, Technic PbO80 is useful.

Dosage -

Technic PbO80 to be used (2.3 - 2.6) phr along with Rubbond HM50 (4.7 – 5 phr) and RSII (4.5-5 phr). For further detail, contact with TWC Team

Handling precautions

Wash your hand after handling. Dispose the contaminated hand gloves. Don't spill off the material. Avoid contact with eyes, skin and clothing. Keep container tightly close

Shipping

TECHNIC PbO-80 are available in HDPE linear paper bags of 25 kg.

Shelf Life

Product is stable 12 months from the date of manufacturing. It should be stored in cool & dry place in packed condition

Note: Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy itself of the suitability for its own particular purpose. TWPL gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded expected to the extent that law prevents such exclusions

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