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RESINS & TACKIFIERS -PHENOLIC-

P-125 RESIN

PRODUCT DESCRIPTION:

P-125* is a heat reactive, bromomethyl alkylated phenolic resin formulated for use in natural rubber and butyl** cement. P-125 is used curing Butyl* or halogenated Butyl polymers. Complete cures can be produced in 10 to 60 minutes, at temperatures ranging from 310°F to 350°F, without the use of activators and exhibiting exceptional scorch protection. Cured stocks utilizing P-125 result in low compression set, excellent dynamic properties, high temperature stability and no bloom with a possible slight stain. P-125 can also be used in general purpose, sulfur-free cure systems for unsaturated elastomers.

TYPICAL PROPERTIES:

Form.....	Flakes
Color	Red
Specific Gravity	1.05
Water Content, %	0.12
Methylol Content, %	9.0
Bromine Content, %.....	6.5
Melting Point, Cap. Clear °F	145

GENERAL RECOMMENDATIONS:

P-125 has good processing properties and adequate safety margin in processing range. It has a faint halogen odor and normal handling precautions need to be followed. P-125 is a self-activating resin for butyl rubber whereby the recommended usage is 12 phr, however, where maximum ozone resistance is required, 15 phr is needed. Five (5) phr usage is recommended with chlorobutyl, and 5 to 15 phr for the unsaturated polymers. For EPDM use 15 phr. To maximize state-of-cure, use 5 phr ZnO and 5 phr Hypalon as activators.

SHIPPING CONTAINER:

55.1 lb bags

- * U.S. Patent - 2,972,600 and other patents to Schenectady Chemicals.
- ** U.S. Patent - 2,701,895 and other patents to Uniroyal, Inc.

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