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RESINS & TACKIFIERS
-PHENOLIC-

P-49 RESIN

PRODUCT DESCRIPTION:

An oil modified phenolic novolac resin supplied in the thermoplastic form. Requires the addition of 8% hexa to make it properly thermosetting. Supplied in flake form.

TYPICAL PROPERTIES:

Specific Gravity.....	1.16
Melt Point (ball & ring).....	95°C
Hot Plate Cure (165°C).....	Thermoplastic as received
Solubility.....	Ketones and blends of alcohols and aromatics
Color.....	Amber
Storage Stability.....	Completely stable

GENERAL RECOMMENDATIONS:

Recommended for use in SBR rubber. Modification of the phenolic resin with a mineral oil improves SBR compatibility and dispersibility. This is the base resin used in P-55, but without hexa in it as received. Use of this resin allows full advantage to be taken of its strong plasticizing action during processing without fear of scorching. The hexa can then be added late in the mixing cycle or on the warm up mill to make the resin properly thermosetting on cure.

The hexa used should be the finely pulverized rubber accelerator grade.

SHIPPING CONTAINER:

Non-returnable fiber drums weighing 275 pounds net. Also available in 50 pound bags.

PRECAUTIONARY LABELLING:

In common with other supplies of plastics and chemicals, the precautionary label recommended by the Manufacturing Chemists Association for this material reads as follows:

CAUTION: MAY CAUSE IRRITATION. Avoid prolonged contact with skin. Avoid prolonged breathing of vapor or dust. Use with adequate ventilation.

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