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RESINS & TACKIFIERS
-PHENOLIC-

P-55 RESIN

PRODUCT DESCRIPTION:

An oil treated phenol-formaldehyde two-step resin, thermosetting as received. Finely pulverized. Contains 6.5 to 8.5% hexa as crosslinking agent.

TYPICAL PROPERTIES:

Fineness.....	98% through 200 mesh
Specific Gravity.....	1.17
Melting Point (capillary tube).....	73°C
Solubility.....	Ketones and blends of alcohol and aromatics
Color.....	Off-white
Storage Stability.....	Stable. Recommended cool, dry conditions

GENERAL RECOMMENDATIONS:

Recommended for use in SBR Rubber. Compatible in SBR Rubber to the extent of 10-12 parts per hundred. This amount of resin will act as an effective plasticizer during processing and will contribute strongly to hardness, stiffness and abrasion resistance after cure.

The compatibility of P-55 with SBR Rubber can be greatly increased by using Nitrile Rubber in the formulation. The Nitrile Rubber serves as a common solvent or flux. For example, if 25 parts Nitrile Rubber is used with 75 parts SBR Rubber, up to 40 parts of resin can be used without encountering incompatibility.

These recommendations also apply to Natural Rubber, and to blends of Natural Rubber with SBR Rubber.

SHIPPING CONTAINER:

Standard container is a 50 pound bag.

PRECAUTIONARY LABELLING:

The label for this product follows the Manufacturing Chemists Association recommendation:

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

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