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RESINS & TACKIFIERS
-PHENOLIC-

SP-6701 RESIN
(fka: P-49)

PRODUCT DESCRIPTION:

SP-6701 is a tall oil modified phenolic novolak. It does not contain hexa and is the base resin used in the manufacture of P-55 resin.

TYPICAL PROPERTIES:

Specific Gravity	1.16
Softening Point, Ball & Ring (°C).....	90 - 100
Physical Form	Flake

SOLUBILITY:

SP-6701 is soluble in alcohols, ketones and esters

GENERAL RECOMMENDATIONS:

SP-6701 is used primarily in SBR stocks where high processing temperatures are encountered. Modification of the phenolic resin with a mineral oil improves SBR compatibility and dispersibility. This is the base resin used in SP-6601 (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.

STORAGE:

For best results, SP-6701 should be stored where temperatures do not exceed 86°F for extended periods of time. As with all phenolic resins, SP-6701 will become darker with age.

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