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RESINS & TACKIFIERS
-PHENOLIC-

P-109 RESIN

PRODUCT DESCRIPTION:

P-109 Resin is an oil-soluble, heat reactive, phenolic resin based on a parasubstituted alkyl phenol. This resin sees its widest use in the formulation of Neoprene-based contact cements. The outstanding feature of this resin is its extremely light color and improved open time.

CHARACTERISTICS:

P-109 Resin may be milled directly into rubber stocks or, in the case of adhesives, mixed directly into the solution.

TYPICAL PROPERTIES:

| | |
|----------------------------------|--------------|
| Form | Flake |
| Melting Point..... | 153°F |
| Color (USDA Resin Standard)..... | X or Lighter |
| Specific Gravity..... | 1.10 |

SOLUBILITY:

Soluble in aromatic and aliphatic hydrocarbons, esters, ketones, and partially soluble in some alcohols.

COMPATIBILITY:

P-109 Resin shows a compatibility limit of approximately 25 parts by weight in combination with 100 parts by weight of SBR, natural, and reclaimed rubbers. It exhibits complete compatibility with neoprene and nitrile rubbers.

APPLICATIONS:

P-109 Resin is extensively used in the preparation of general-purpose and heat-activating neoprene cements. It is also used in the formulation of adhesives with NBR, SBR, natural and reclaimed rubbers.

In the specific case of neoprene contact cements, P-109 Resin extends tack life, increases the specific adhesion of the film to metal and glass, and increases the cohesive strength of the adhesive film itself.

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