HRJ-4047
(fka: P-165 RESIN)
-THERMOPLASTIC-PHENOLIC RESIN-TACKIFIER-

PRODUCT DESCRIPTION:
HRJ-4047 phenolic resin is an unmodified, thermoplastic resin made from octyl-phenol and formaldehyde. It is compatible with natural and synthetic elastomers, including SBR, BR, IIR and IR.

TYPICAL PROPERTIES:
- Specific Gravity ............................................................... 1.04
- Acid Number ................................................................. 25 – 42
- Softening Point, Ball & Ring, (°C) ................................. 92 - 101
- Package ............................................................................ 50 lb. bag
- Physical Form .................................................................. Pellet

APPLICATIONS:
HRJ-4047 is utilized to develop high tack levels in rubber compounds, especially in synthetic rubber which do not impart inherent tack, for tire construction and mechanical goods. A typical loading is 3-10 phr. HRJ-4047 commonly replaces hydrocarbon resins which would typically need three times the loading to impart the equivalent tack of HRJ-4047 phenolic resin.

SOLUBILITY:
HRJ-4047 is soluble in aromatic and chlorinated hydrocarbons, ketones, esters and higher alcohols.

STORAGE:
For best results, HRJ-4047 should be stored where temperatures do not exceed 86°F for extended periods of time. As with all phenolic resins, HRJ-4047 will become darker with age.