



3770 Embassy Parkway Akron, Ohio 44333
 330-535-2100 ♦ 800-321-2260 ♦ Fax 330-535-8947

RESINS & TACKIFIERS
-PHENOLIC-

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.

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