



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

RESINS & TACKIFIERS
-PHENOLIC-

SP-1077
(formerly P-133 Resin)
-THERMOPLASTIC-PHENOLIC RESIN-TACKIFIER-

PRODUCT DESCRIPTION:

SP-1077 is a thermoplastic, modified alkylphenol resin developed as a tackifier for synthetic and natural elastomers. It is typically used to increase tack in natural rubber and synthetic elastomers, including SBR, BR, IIR, IR and EPDM.

TYPICAL PROPERTIES:

Specific Gravity	1.04
Acid Number	25 - 42
Softening Point Ball & Ring, (°C).....	92 - 102
Physical Form	Flake

SOLUBILITY:

SP-1077 is soluble in aromatic and chlorinated hydrocarbons, ketones, esters, and higher alcohols.

RECOMMENDATIONS:

SP-1077 develops high tack levels in rubber compounds which are used in tire construction and mechanical goods. This resin provides tack in elastomers that are usually difficult to tackify, such as EPDM. Excellent tack can be obtained at lower levels of concentration than is possible with conventional tackifiers, such as SP-1068.

STORAGE:

For best results, SP-1077 should be stored where temperatures do not exceed 86°F for extended periods of time. As with all phenolic resins, SP-1077 will become darker with age.

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