

## PHENOLIC RESIN

### Property & Usage

**SumTac™ Phenolic Resin** is an octyl-phenol heat reactive resin for ink intermediate and rubber curing applications and it may be brominated for better performance. It has an active hydroxymethyl group and soluble in aromatic hydrocarbon & organic solvents like toluene, xylene, acetone, ether, ethyl acetate, gasoline, kerosene, turpentine, etc. It's also known as vulcanization agent resin (vulcanizator).

Usage as vulcanization resin / rubber curing agent in rubber production like butyl rubber (IIR), nitrile butadiene rubber (NBR), styrene butadiene rubber (SBR), neoprene/chloroprene rubber (CR) & natural rubber (NR), tyres, sealants, conveyer belts, inks, adhesives, etc.

### Technical Data Sheet (TDS-9700)

PHENOLIC RESIN	PH45	PH55	PH56	PH68
Appearance	yellowish-greenish transparent pieces	yellow to red-brown transparent pieces	yellow to red-brown transparent pieces	yellow to red-brown transparent pieces
Softening point (R&B, deg C)	85 - 95	85 - 95	80 - 95	85 - 95
Hydroxymethylate content	10% - 14%	9% - 12%	9% - 12%	-
Specific gravity (25 deg C)	1.04 about	1.05 about	1.04 about	1.00 about
Bromine content	-	3.6% - 4.0%	6.0 - 7.0%	-
Acid value (mgKOH/g)	-	-	-	45 - 65
Equivalent to Schenectady (SII)	SP-1045	SP-1055	SP-1056	SP-1068

### Package & Notes

<b>Package</b> 25kg net in kraft/plastic woven bag	<b>20'FCL load</b> 15mt (600bags)	<b>20'FCL palletized</b> 14mt (560bags)
<b>HS code</b> 39094000	<b>CAS Number</b> unspecified	<b>EC# (EINECS)</b> unspecified
<b>Structural</b> macromolecule polymer	<b>Storage</b> In cool place, avoid fire and high temperature.	

