

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
Appearance	yellowish-greenish transparent pieces	yellow to red-brown transparent pieces	yellow to red-brown transparent pieces
Softening point (R&B, deg C)	80 - 95	80 - 95	80 - 90
Hydroxymethylate content	8% - 13%	8% - 12%	8% - 12%
Specific gravity (25 deg C)	1.04 about	1.05 about	1.04 about
Bromine content	-	3.8% - 5.2%	6.0 - 7.5%
Equivalent to Schenectady (SII)	SP-1045	SP-1055	SP-1056
Insoluble matter in acetone, max.	1.5% max.	1.5% max.	1.5% max.
Water content, max.	-	1%	1%

Package & Notes

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

