

OCTYL BROMIDE PHENOLIC RESIN

Property & Usage

Megachem-Octyl Bromide Phenolic Resin is an octyl bromide-phenol thermally reactive resin, used for effective vulcanization of low unsaturated rubber. It is also widely used in vulcanized capsules, medical capsules, tires, seals, heat resistant gaskets, pressure sensitive adhesives, inks, thermoplastic elastomers and other fields. 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 as vulcanization resin, especially suitable for vulcanization of natural rubber and unsaturated rubber. The process of resin use does not require the addition of halogen activator.

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

| OCTYL BROMIDE PHENOLIC RESIN | PH55 | PH56 |
|---------------------------------|--|--|
| Appearance | yellow to red-brown transparent pieces | yellow to red-brown transparent pieces |
| Softening point (R&B, deg C) | 85 - 95 | 80 - 95 |
| Hydroxymethylate content | 9% - 12% | 9% - 12% |
| Specific gravity (25 deg C) | 1.05 about | 1.04 about |
| Bromine content | 3.6% - 4.0% | 6.0 - 7.0% |
| Equivalent to Schenectady (SII) | SP-1055 | SP-1056 |

Package & Notice

| | | |
|---|---|--|
| 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. | |