



SILCOTEC

Additives & Modifiers for Silicone Products

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Additives & Modifiers

SCT's additives & modifiers can be used in many silicone products such as LSRs, RTVs, and HCRs given that we formulate our products in a variety of carriers like silicone fluids, gums, bases and LSRs/RTVs. Our additives & modifiers include a wide variety of applications such as catalyst masterbatches, flame retardants, green strength enhancers, and other property modifiers.

List of Most Popular Additives & Modifiers

The following list summarizes some of SCT's additives & modifiers.

Function	SCT Additives & Modifiers
Acid Scavenger, Acid Neutralizer	SA-1000, SA-1004, SA-1015, SA-1037, SA-1039, SA-1040, SA-1054
Catalysts	SA-1010, SA-1012, SA-1035, SA-1042, SA-1062, SA-1063, SA-1087, SA-1098
Conductivity Enhancer	SA-1022, SA-1036
Flame Retardant	SA-1012, SA-1013, SA-1016, SA-1053, SA-1056, SA-1061, SA-1080
Heat Stabilizer	SA-1002, SA-1004, SA-1034, SA-1055, SA-1066, SA-1072
Lubricant (self-bleeding)	SA-1074
Lubricant (sleek), Mold Release	SA-1008, SA-1009, SA-1064, SA-1067
Moisture Scavenger	SA-1000, SA-1015, SA-1037, SA-1039, SA-1040
Moisturizer	SA-1101
Softening Agent	SA-1060, SA-1083
Stiffening Agent	SA-1018, SA-1019, SA-1049, SA-1050
Tensile Modifier	SA-1059
UV Protection, Weather Resistance	SA-1002, SA-1004, SA-1034, SA-1066, SA-1072

Advantages

- Dispersion: our products go through a series of quality checkpoints to ensure all raw materials are well dispersed and homogeneously mixed. This ensures excellent quality once dispersed into the final compound.
- Easy incorporation: SCT's additives & modifiers are versatile and can be used in most silicone applications from high consistency rubber compounds and LSRs/RTVs to silicone coatings as we have HCR and liquid/paste versions for easy incorporation into the final formulation.
- Custom compounding: if multiple additives/modifiers and pigment dispersions are required in the final compound, we can customize a single masterbatch with all necessary raw materials in the silicone carrier of your choice. This alternative is appealing to those customers that have in-house milling and compounding capabilities.

New Additives & Modifiers

If you require a specialized or proprietary additive/modifier we have not listed above, please do not hesitate to contact our R&D department to find out what we can do for your business.