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Polymer Systems Technology presents the debut of the NuSil Technology Colour Masterbatches for Healthcare Silicones.

High Wycombe – October 19, 2006 – NuSil Technology (www.nusil.com), a cutting-edge manufacturer of silicone-based materials for healthcare, aerospace, electronics and photonics, has launched colour masterbatches for liquid silicone rubbers (LSRs) and high-consistency rubbers designed for the healthcare industry. The products result from a joint development effort with Gayson SDI, a company specialising in the pigmentation of silicone elastomers.

The MED-4502 and MED-4900 series consist of pigments dispersed in a vinyl dimethyl terminated, polydimethylsiloxane polymer and are offered in a range of colors, including black, red, orange, yellow, green and blue. Custom colors, obtained through the blending of eight base colors, are available upon request. These masterbatches eliminate the use of powders that may contaminate clean room environments and reduce production time. In addition, their strict quality controls ensure colour consistency. "NuSil sees the advantage of these masterbatches as two-fold, as incorporating pigments into elastomers in accurate amounts and without the mess is beneficial to fabricators serving the medical device community," said Derek Williams-Wynn, Director of PST. "The device manufacturer can benefit by enhancing the aesthetics of their devices and/or improving the identification of size-specific devices" MED-4502 offers simple, accurate pigmentation of high-consistency silicone materials, which may be molded, calendared or extruded, while MED-4900 allows easy and precise pigmentation of LSRs and low-consistency materials, which may be injection moulded.

Both product lines are supported by master access files with the U.S. FDA; USP Class VI biological testing, including systemic toxicity, intracutaneous, seven-day muscle implantation; and hemolysis and 90-day muscle implantation with histopathology studies.

NuSil's MED-4502 color masterbatches are available in 50-gram and 454 gm, and 11.35 kg packaging, MED-4900 are available in 50-gram and one-, 3.63 kg- and 18.2 kg packaging. For more information, visit www.silicone-polymers.co.uk or call 01494 446 610.

About Polymer Systems Technology Ltd.

PST is a cutting-edge supplier of silicone compounds for healthcare, aerospace, electronics, photonics and other applications that require precise, predictable, cost effective

materials performance. ISO-9001-certified since 1994, NuSil operates state-of-the-art laboratories and processing facilities in North America and Europe and provides on-site, in-person application engineering support worldwide. PST are both ISO-9001 and ISO-140001 More information about PST and NuSil Technology can be found at www.silicone-polymers.co.uk and www.nusil.com.