



Press Release

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Innovative technology from Henkel: Technomelt Supra Cool 130

A hotmelt for ice-cold calculators

Newly developed Technomelt Supra Cool 130 from Henkel unites the best of both worlds: a processing temperature of just 130 °C – previously the preserve of EVA-based hotmelts – fused with all the benefits of Supra technology to give exceptionally high bond strength, outstanding flowability and a much wider range of application suitability.

Düsseldorf – Henkel's proven Supra technology is now also available at low processing temperatures. With Technomelt Supra Cool 130, Henkel has, for the first time, succeeded in reducing the application temperatures for a Supra hotmelt by an average of 40 °C, down to 130 °C. Not only does that mean savings of up to 30 percent in energy costs, but also a reduction in adhesive consumption values of between 20 and 35 percent compared to EVA-based hotmelts.

A further benefit of this almost odorless adhesive is that, in addition to exceptional bonding strength it also features great consistency in terms of its viscosity and color-fastness. Compared to conventional hotmelts, it is thermally much more stable and flows more evenly without stringing. Moreover, its self-cleaning properties ensure immaculate processability.

Fast yet gentle

The lower processing temperature of Technomelt Supra Cool 130 means that the adhesive takes less time to melt and the processing machines can therefore get up to speed more quickly. One of the decisive advantages of Henkel's Supra technology is thus further enhanced by the reduction in temperature: thanks to this innovative hotmelt, the amount of wear and tear to which machine components and applicators are subjected can be appreciably reduced. The maintenance input involved in removing combustion residues is also decreased, improving the overall service lifetime of the systems involved.

Using Technomelt Supra Cool 130 avoids the problem of clogged modules and blocked nozzles, again reducing machine and equipment attrition and cutting cleaning time. And this leads to yet another major plus: the outlay for spare parts is similarly reduced. Outages and set-up times can likewise be significantly decreased, with production restarting at an earlier point in the proceedings.

A real all-rounder

Technomelt Supra Cool 130 is suitable for a range of applications considerably wider than that of conventional EVA hotmelts, and it can also be readily used on a large number of different substrates and packaging materials. By introducing this new hotmelt, the packaging industry can reduce stock and stocking complexity as the need to have various types of adhesive to hand for different bonding jobs noticeably diminishes. Warm-fill contents can be packaged with the same degree of ease as frozen foods, and shipment to different climate zones likewise presents no problem whatsoever.

Photo material available on the web at: <http://www.henkel.com/press>.

Henkel has been committed to making people's lives easier, better and more beautiful for more than 130 years. A Fortune Global 500 and Germany's most admired company according to a recent Fortune survey, Henkel offers strong brands and technologies in three areas of competence: Home Care, Personal Care and Adhesive Technologies. Each day, more than 52,000 employees in 125 countries are dedicated to fulfilling Henkel's claim "A Brand like a Friend." In fiscal 2008, Henkel generated sales of 14,131 million euros and adjusted operating profit of 1,460 million euros.

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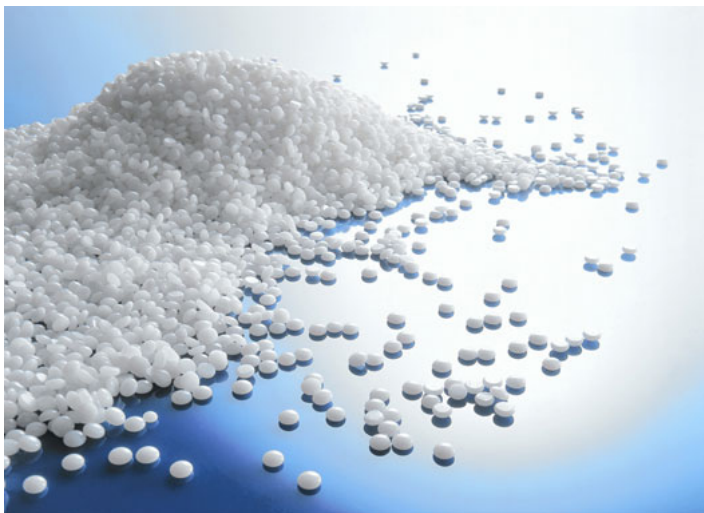
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Henkel AG & Co. KGaA

The following images are available for downloading:



The shorter fusion time of the adhesive enables the process machinery to be brought up to production speed more quickly.



Henkel's new Technomelt Supra Cool hotmelt technology enables for the first time a processing temperature of 130 °C.