MATERIALS

Amine-based light stabilizers

Ampacet Corp says that blending hindered amine light stabilizers in a concentrate leads to improved cost-effectiveness for blown film and blow moulding and injection moulding compounds. Its **100600 UV PE MB** is a 10% loaded HALS blend in a low density polyethylene carrier. The blend allows unusually high ultraviolet stabilizer levels in Food and Drug Administration-type applications because each HALS ingredient can be present at near-maximum, FDA-approved levels, claims Ampacet.
Contact: Ampacet Corp, 660 White Plains Road, Tarrytown, NY 10591, USA. Tel: +1-914-631-6600. Fax: +1-914-631-7497.

Stabilizer for recycled HDPE and LLDPE

A stabilizer from Colortech Inc is designed for recycled HDPE and LLDPE. The single-component phosphite product, **Grade 10603-13**, is said to offer optimum colour stability and melt-flow retention during repeated processing cycles. Other reported benefits include improved long-term ageing and UV stability. The product has been approved for food contact.
Contact: Colortech Inc, 5712 Commerce Boulevard, Morristown, TN 37814, USA. Tel: +1-615-587-0837. Fax: +1-615-587-0841.

Phosphite-based antioxidant

Ultranox 641 from GE Specialty Chemicals is said to provide a new level of consistent stabilizer performance and greater processing flexibility. The new molecule is based on butyl ethyl propane diol chemistry as opposed to the traditional pentaerythritol chemistry used in **Ultranox 626** antioxidant. The company says that the high stabilization activity of Ultranox 641 means greater effect from lower loading levels, which translates to lower raw material costs for the consumer. By substituting Ultranox 641 for competitive solid antioxidant products, total formulation costs can be lowered. Also, this new stabilizer product is said to offer excellent hydrocarbon solubility and hydrolytic stability, allowing for a wider handling window with consistent polymer performance over a wide range of processing conditions and additive delivery systems.
Contact: General Electric Specialty Chemicals, 501 Avery Street, Box 1868, Parkersburg, WV 26102-1868, USA. Tel: +1-304-424-5411. Fax: +1-304-424-5871.

Formaldehyde-free fluorescent pigments

Lawter International Inc's **ViziTek** series of fluorescent pigments are formaldehyde-free and based on a high molecular weight polyester/polyamide resin hybrid. The company claims the pigments are heat stable, compatible with polyolefins and have excellent plate-out properties.
Contact: Lawter International Inc, 990 Skokie Boulevard, Northbrook, IL 60062, USA. Tel: +1-847-498-4700.

Low-dusting yellow pigment

BASF Corp says that it will introduce a low-dusting form of its nickel titanium yellow pigment later this year (1996).
Contact: BASF Corp, 1255 Broadway, Clifton, NJ 07015, USA. Tel: +1-201-365-3400. Fax: +1-201-365-3392.

Heat-stable violet pigment

Violet 19 is a new quinacridone pigment that, according to Ciba-Geigy, is the first heat-stable, violet-shade red suitable for colouring ABS and nylon 6 or 66.
Contact: Ciba-Geigy Corp, 205 S James Street, Newport, DE 19804-2434, USA. Tel: +1-302-992-5600. Fax: +1-302-633-2072.