

# dryflex®

## Thermoplastic Elastomers

### Toys

- Soft-to-touch feel
- Easy to colour
- Conform to EN71/3, 1988/378/EC, 1993/68/CE, 1999/815/CE EU regulations for toys\*
- Special effects such as pearlescent, metallic and thermochromic
- Opaque to translucent
- Range of surface textures; high-grip tacky, silky-smooth to leather-effect.
- Overmoulding to engineering thermoplastics
- 100% recyclable
- Resistance to hot water and detergents
- Excellent scratch, abrasion and flex fatigue resistance
- PVC & latex free



*\*For uncoloured products, for coloured products specific migration tests are required to verify the compliance of the pigments used to colour the product*

### Consumer Appeal

For a material to be used in the production of toys it must meet many high demands, not only in terms of regulations but also due to the wear, tear and bumps and crashes little hands can inflict on the toys! Materials must have a high scratch resistance and tensile strength and they must not break into small parts, due to the risk of choking.

Dryflex® thermoplastic elastomers (TPE) meet these requirements and their soft and pliable feel appeals to even the most demanding consumer. The material is 100% recyclable and is available in a range of speciality effects including pearlescent, metallic and thermochromic.

Dryflex® TPEs offer excellent adhesion in overmould, insert and 2K bonding to a wide range of materials, including engineering thermoplastics, giving a rigid application the soft-touch feel. In the toy giraffe pictured above, the material was modified with a vanilla scent and blow moulded.

VTC Elastoteknik AB and Vita Thermoplastic Polymers (VTP) are members of the VTC TPE Group

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