

## Mallard Creek Polymers Tykote® 1005 Styrene-Butadiene Emulsion

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Styrene Butadiene Rubber

### Material Notes:

Regulatory Status FDA components in food contact applications. 176.170 components of paper and paperboard in contact with aqueous and fatty foods 176.180 components of paper and paperboard in contact with dry food

Applications: Tykote® 1005 is designed as a base resin for functional coatings. Tykote® 1005 provide high strength and pigment compatibility. This low surfactant containing copolymer can be used to compound functional coatings exhibiting superior water, water vapor, oil and grease repellency. This firm polymer also gives rise to blocking resistant coatings. Tykote® 1005 exhibits excellent mechanical stability and can be applied to a variety of substrates using many different application methods. Features: Exceptional Water Resistance Exceptional Grease Resistance Pigment Compatible Very High Tensile Strength Flexible film properties FDA Approved for Food Contact Storage and Handling: Protect from freezing. Ideal storage temperature is 22°C (72°F). Read the Tykote® 1005 Material Safety Data Sheet before handling, storing, or using this product. Information provided by Mallard Creek Polymers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Mallard-Creek-Polymers-Tykote-1005-Styrene-Butadiene-Emulsion.php](http://www.lookpolymers.com/polymer_Mallard-Creek-Polymers-Tykote-1005-Styrene-Butadiene-Emulsion.php)

Physical Properties	Metric	English	Comments
Solids Content	51 - 53 %	51 - 53 %	
Particle Size	0.14 µm	0.14 µm	
pH	7.8 - 8.4	7.8 - 8.4	
Brookfield Viscosity	<= 1200 cP	<= 1200 cP	#20/200

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	24.0 °C	75.2 °F	

Descriptive Properties	Value	Comments
Emulsifiers	Anionic	

## Contact Songhan Plastic Technology Co.,Ltd.

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