



## Lustran® SMA 245

### Technical Data Sheet

#### DESCRIPTION

Lustran SMA 245 is a Styrene Maleic Anhydride copolymer manufactured at a target maleic anhydride level of 25%.

The process used for making Lustran SMA 245 yields a product with good clarity and uniform composition.

Lustran SMA 245 is available in clear pellet form.

#### APPLICATIONS

Lustran SMA 245 can be used in paper sizing or pigment binding, or as a pigment dispersant aid, viscosity modifier, ink additive, adhesion promoter or compatibilizer for numerous other polymer, recycle and composite systems.

As with any product, use of the products mentioned in this publication in a given application must be tested (including field testing, etc.) by the user in advance to determine suitability.

#### TYPICAL PROPERTIES\*

#### Test Method

|                                    |              |            |
|------------------------------------|--------------|------------|
| Maleic Anhydride                   | 25%          |            |
| T <sub>g</sub>                     | 150°C        |            |
| Acid Number                        | 300 mg KOH/g |            |
| Intrinsic Viscosity                | 0.35         |            |
| Melt Flow Rate at 220°C/10-kg Load | 6 g/10 min   | ASTM D1238 |
| Molecular Weight (M <sub>w</sub> ) | 120,000      |            |
| Haze                               | 2.5%         | ASTM D1003 |

\*These items are provided as general information only. They are approximate values and are not considered part of the product specifications.

### **Health and Safety Information**

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling the INEOS ABS products mentioned in this publication. For materials mentioned which are not INEOS ABS products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be followed. Before working with any of these products, you must read and become familiar with the available information on their hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, *e.g., material safety data sheets and product labels*. Consult your INEOS ABS representative or contact the Product Safety and Regulatory Affairs Department at INEOS ABS.

Note: The information contained in this publication is current as of November 2007. Please contact INEOS ABS to determine whether this publication has been revised.

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