

PRODUCT DATA SHEET – SMB-955

SILICONE MASTERBATCH FOR IMPROVING THE FRICTION CHARACTERISTICS OF POLYMERS AND RUBBERS

PRODUCT DESCRIPTION

SMB-955 is a master batch of a Silicone polymers with special ingredients used as an additive for plastics and rubbers to alter the surface properties. This master batch imparts low co-efficient of friction (COF), high gloss, abrasion resistance and low surface energy to the extruded and molded products.

SMB-955 also contains lubrication aids, which synergistically enhance the performance of the molded/extruded products in reducing friction and increasing abrasion resistance. The inherent properties of the silicone polymer and other ingredients imparts a low surface energy. This formulation also imparts excellent heat resistance, water repellency and superior electrical insulating properties.

TYPICAL PRODUCT DATA OF SMB-955

Property	Value
Appearance	Milky White
State	High viscous thick paste
Viscosity	~ 320000 mPa.s

COMPATIBILITY

SMB-955 is compatible with polyethylene, polypropylene and several other synthetic polymers and thermoplastic elastomers. At about 5% usage level, SMB-955 gives excellent mirror finish to the surface of the molded or extruded product. However, users are advised to evaluate the compatibility according to their process needs.

SPECIFICATIONS

Typical property data values should not be used as specifications. Assistance and specifications are available by contacting Performance Polymers.

HANDLING AND SAFETY

It is safe to be handled with normal precautions. Material Safety Data Sheets are available upon request from Performance Polymers. Not recommended for food contact applications and in making bodyparts.

STORAGE WARRANTY PERIOD

The warranty period is 24 months from date of shipment if stored in the original unopened container at temperatures 35°C or below.

AVAILABILITY

SMB-955 is available in 20.0 kg pail packs and 200 kg metal drum packs. It can be ordered directly from Performance Polymers or an authorized distributor.

SMB-955 is manufactured in India by

Performance Polymers

B-88, 3rd Cross 3rd Main, Opp. ESI Sub-Regional Office

DDUTT, Industrial Suburb, 2nd Stage,

Yeshwantpur, Bangalore 560 022,

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LIMITED WARRANTY

Performance Polymers warrants that its product will conform to its specifications at the time of application or use. The product must be stored in accordance with Performance Polymers' recommendations, and used or applied before the earliest of (1) the indicated "Use Before Date", (2) one year from date of purchase. No other claims such as consequential losses will be entertained by Performance Polymers as it is the duty of the purchaser to ascertain the suitability of the product to their need. This product is for Industrial use only.

