GRAFT POLYMER
COMBINE INCOMPATIBLE

TDS | Technical Data Sheet

GRAFTAKIT™ EB-PDMS 15050 | Masterbatch

Product Description

GRAFTAKIT™ EB-PDMS 15050 is a polydimethylsiloxane (PDMS) lubricant loaded on porous ethylene–butyl acrylate (EBA) granules.

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Physical Form	granules	
Active component loading level	50 wt %	Internal Method
PDMS viscosity	2500 cSt	ISO 3105
Carrier resin	EBA (*)	

(*) can be regulated to customer needs

Applications

Scratch-resistance additive.

Processing aid for extrusion and injection moulding: reduces die drool and torque.

Can reduce heat release rate, smoke and carbon monoxide emissions during burning.

Processing & Dosage

GRAFTAKIT™ EB-PDMS 15050 is added at 0.1–1.0 % during extrusion.

It can be processed with all usual technologies (injection moulding, extrusion, blow moulding, thermoforming). Optimal processing temperatures are between 150 °C and 290 °C.

Storage and Transportation

MSDS provided to recommend safe practices during use and storage. Improper storage conditions may cause degradation and affect the product's physical properties. For easy handling and storage, it is normally packed in 16 kg bags (50 bags per pallet).

Store in the original packaging in a cool, dry, well-ventilated area, away from heat sources, moisture and direct sunlight.

Shelf Life

24 months from the date of delivery, in unopened packaging. For any use above this limit, please refer to our technical services.

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