

Description

Calprene 540 is a 60/40 butadiene/styrene thermoplastic copolymer, polymerized in solution and having a linear structure.

This product is presented in porous pellets and has excellent optical properties due to its clarity.

It is stabilized with a non staining antioxidant system FDA approved for use in food contact applications and is essentially gel free with a very clear color.

Applications

- Adhesives and Sealants.
- Plastic modification.
- Technical compounds.
- Footwear.

Technical data

Polymer Properties

Toluene solution viscosity (25%, 25 °C) Pa·s
 Melt flow index (190°C, 5kg), g/10 minutes
 Volatile matter, % max
 Yellowness index, max.
 Total styrene (on polymer), %
 Hardness, °Shore A
 Insoluble matter in toluene (325 mesh), % max.
 Ashes content, % max.

Test method	Value
MA 04-3-064	0.6
ASTM D1238	5.5
ASTM D5668	0.5
ASTM E313	9
MA-04-3-062	40
ASTM D2240	90
MA 04-3-018	0.1
ASTM D5667	0.35

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