

Hydrocarbon-based Synthetic Oil

[What is LUCANT™?]

- LUCANT™ is liquid ethylene- α -olefin co-oligomer, having similar chemical structure to EPDM and HSBC.

HSBC: hydrogenated styrene block copolymer, TPS: thermoplastic styrene

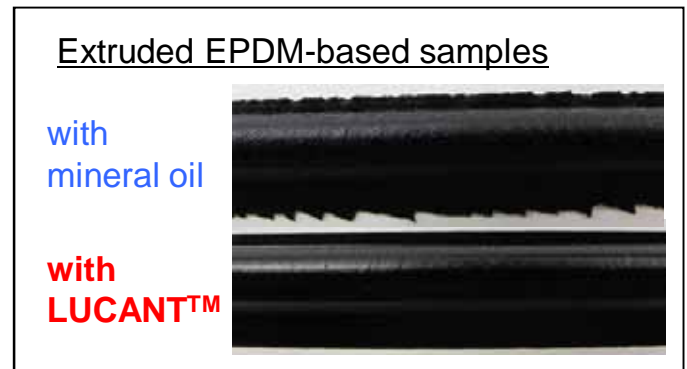
LUCANT™ is a unique flexibilizer to give additional value to EPDM and TPS compound.

[Key performance to be demonstrated in EPDM compound]

- Excellent extrusion processability
- High damping property
- Good low temp. property
- Low compression set
- Low staining
- Low migration in solvent

[Target application]

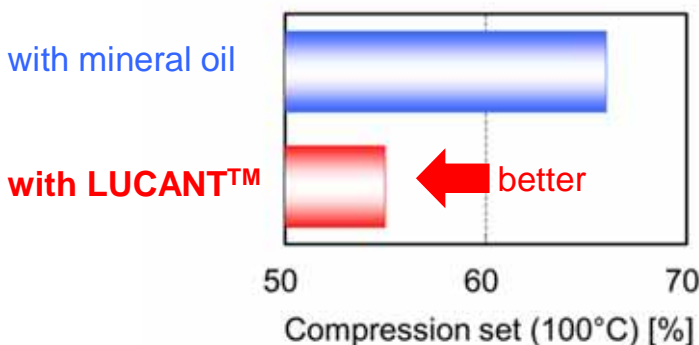
Convey belt, automotive dampers, industrial equipment, etc..



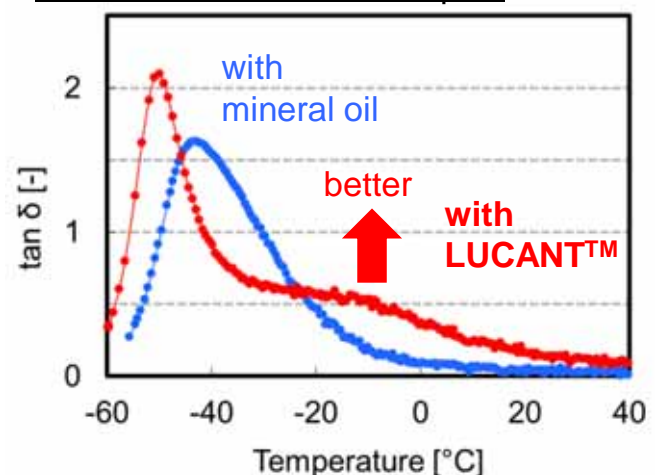
[Key performance to be demonstrated in TPS compound]

- High damping property
- Good low temp. property
- Low compression set
- Good weather stability (Good color stability)
- Low migration in solvent

Compression set of SEBS-based samples



Tan δ of SEPS-based samples



Detailed TDS is available upon request.