



## POE – TAFMER™

*Mitsui Chemical's TAFMER™ alpha-olefin copolymer is a colorless, transparent, odorless and gelation-free line, making it suitable for many different and numerous applications.*

TAFMER™ A and TAFMER™ XM, Mitsui's ethylene/alpha-olefin copolymer products, are unique polyolefins that enhance impact strength and flexibility. For example, as a coating for fire retardant wire or cable, TAFMER™ A retains its flexibility, shows high tensile strength and has outstanding low temperature impact strength.

### TAFMER™ A Characteristics

- ◆ Ideal for food packaging
- ◆ Improve impact strength
- ◆ Excellent affinity with polyolefins
- ◆ Designed within easily dispersible viscosity range

TAFMER™ XM, Mitsui's propylene/alpha-olefin copolymer product, is a superior low crystalline copolymer of propylene and alpha-olefin which is perfect for biaxially oriented polypropylene (PP) and cast film sealant as well as a resin modifier for polyolefins. As a heat seal layer for OPP film, TAFMER™ XM is an excellent package sealer for tobacco, chocolates, cookies and crackers.

### TAFMER™ XM Characteristics

- ◆ Excellent low-temperature sealability
- ◆ No taste or odor
- ◆ Outstanding heat resistance
- ◆ Excellent transparency and gloss
- ◆ High hardness and scratch resistance
- ◆ Superb hot tack
- ◆ Compatibility with polypropylene (PP)

### TAFMER™ Applications

Application	TAFMER Properties
BOPP Film	Low temperature heat sealability, Transparency, High shrinkage
CPP Film	Low temperature heat sealability, Transparency, Impact strength, Tear strength
PE/PP Film	Adhesion improvement of PE to PP
PE/Al Film	Adhesion improvement of PE to Al
Easy Open Cup Lid	Adhesion control between cup and lid
HDB - Shopping Bag	Low temperature heat sealability, Impact strength
Stretch Film	Adhesion improvement of stretch film

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