

# JSR XER™

XER™ series : Performance Elastomer for Electronic Field

## Metal Free NBR (NBR with Methacrylic acid)

XER-32 & XER-41 are high-solubility synthetic rubber having polar groups.

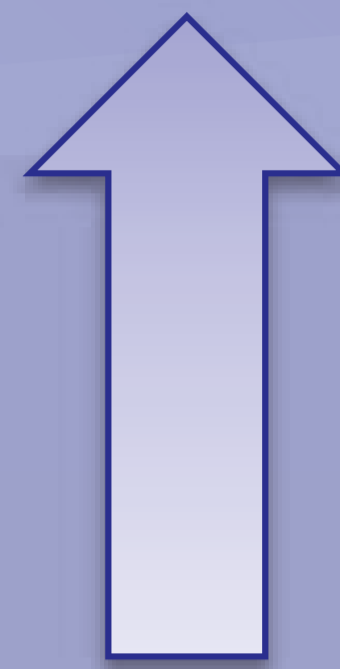
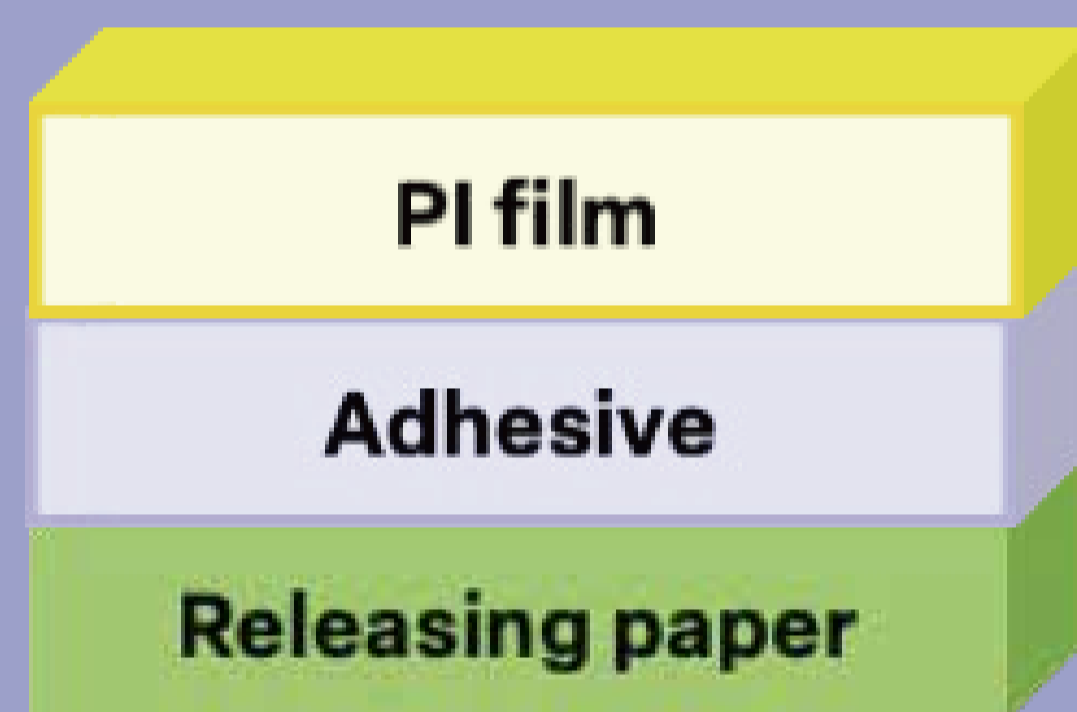
- XER-32 (NBR with Methacrylic acid)
- XER-41 (NBR)

### XER™ series

are widely applicable in electronic field for their properties and performances.

<<Main applications>>

Adhesive for Cover lay(FPC), Bonding sheet, etc.



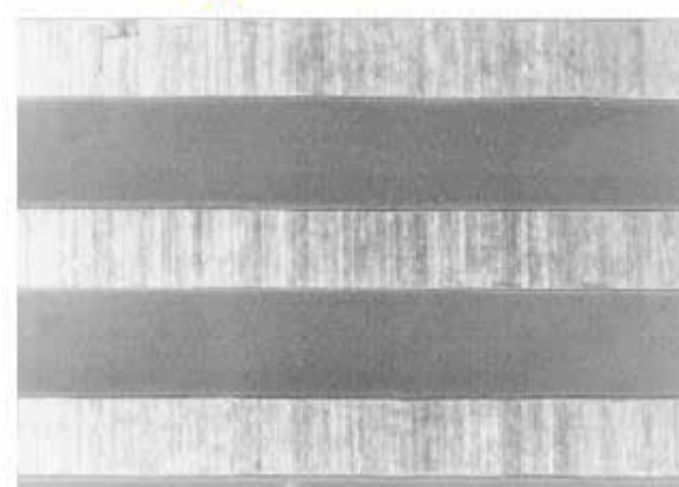
### High Solubility in MEK



XER-32 dissolves homogeneously in MEK (15 wt%)

### High Insulation

No Migration



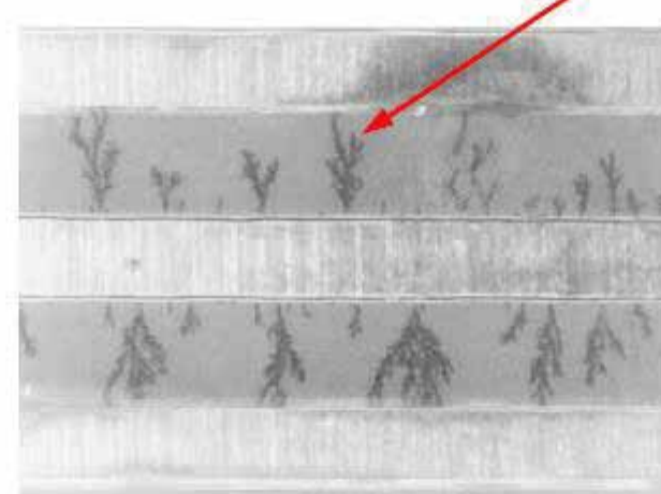
JSR XER-32

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Migration



General NBR

\*Test Conditions  
L/S = 200/200 μm  
80C, 100%RH,  
DC100V, 24Hr

XER-32 shows high migration resistance.

### Low Metal Content

	JSR XER-32	JSR XER-41	General NBR [ppm]
Na	5	14	110
K	2	4	24
Cl	0.3	0.3	28

Designed to reduce impurity quantity.

## Elastic Modifier for Epoxy Resin

XER-81 & XER-91 have excellent dispersion for epoxy resin.

- XER-81 (Epoxy-modified NBR)
- XER-91 (Carboxy-modified NBR)

### Features

- Particulate cross-linked elastomer
- Nano order particle size (80nm)

