



## NOTIO™ (Nano Crystalline Structure Controlled Elastomer)

NOTIO™ is a flexible, low density, transparent elastomer with excellent heat resistance. The resin is not cross-linked and demonstrates superior elasticity. NOTIO's crystalline and amorphous structure (morphology) is controlled at the nano scale, allowing for the realization of properties that cannot be achieved with conventional elastomers.

### NOTIO™ Characterises

- ◆ Impact resistance
- ◆ Scratch resistance
- ◆ Heat resistance
- ◆ Transparency
- ◆ Flexibility and elasticity
- ◆ Elimination of whitening upon bending

### NOTIO™ Applications

Application	NOTIO™ Properties
Automotive Applications	superior transparency, scratch resistance, impact resistance, heat resistance
Decorative Film	Elimination of whiteness on bending, Improved external appearance, Comparable scratch resistance than polypropylene
Adhesive Compounds	High strength and Heat resistance
Adhesive Film	Inherent adhesive properties, Superior transparency, No residue on substrate
Modification of CPP Film	Excellent transparency, Impact resistance, Elimination of whiteness on bending
Packaging Applications	Excellent elasticity, Heat resistance, Superior Transparency, well-suited for use in cosmetic, electronic, industrial and specialty packaging
Wire and Cable	Heat resistance, Enhancing flexibility, High filler loading capability
Tube and Hose	Excellent transparency, Heat resistance, High strength, Hygienic application, Soft PVC-like texture or feeling, Complying with FDA and EU-directive