



**TAILOR MADE
THERMOPLASTIC ELASTOMERS
FOR AUTOMOTIVE APPLICATIONS**

Zylog is India's leading manufacturer & solution provider of thermoplastic elastomer compounds based on a range of elastomer and polymer chemistries.

For over 35 years, we have been offering a wide range of tailor-made thermoplastic elastomer compounds that includes Thermoplastic Vulcanizates (TPE-V / TPV), Thermoplastic Elastomers – Styrene (TPE-S), Thermoplastic Olefins (TPE-O / TPO), and blends and alloys.

With commercialized & approved applications in Automotive, Medical & Healthcare, Wire & Cable, Consumer Goods, Building / Construction, Toys, Appliances, Agriculture & Animal Management, Industrial uses; today, Zylog has a large portfolio of products, applications & customers.

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|--|-------------------------------------|---|---|
| + 570 Unique Material Formulations | + 180 Colour Formulations | + 300 Applications across diverse markets | + 400 Customers, OEMs & End Users |
|--|-------------------------------------|---|---|

Our plants at Pune and Nasik in India, are equipped with state of the art production & quality processes. The Research & Development team develops new materials & compounds on-site using lab scale as well as production scale equipment. Strong Management of Change process is an integral part of our daily production cycle that controls formulation lock, lot traceability, extended record and sample retention as well as notification of change. Our facilities are IATF 16949 certified.

Zylog's expertise across application development, understanding end-use performance criteria, regulatory compliances is recognized and appreciated by customers in India and globally and we place strong emphasis on maintaining this.

You can benefit from our expertise in customizing products focused on your specific needs. Please visit us to learn more about our thermoplastic elastomer solutions across diverse end use markets.

NEOPLAST™
THERMOPLASTIC VULCANIZATE

NEOFLEX™
THERMOPLASTIC ELASTOMER

NEOLLOY™
THERMOPLASTIC POLYOLEFIN

Specified by OEMs, Zylog's range of thermoplastic elastomer compounds has been a preferred choice in the automotive industry for decades, steadily replacing EPDM rubber, PVC and other elastomers due to better design flexibility, weight reduction, sustainability & cost/performance considerations.

Zylog's wide & versatile product portfolio includes TPVs based on PP/EPDM & other elastomers, TPEs based on Styrenic block co-polymers and TPOs, successfully commercialized in flexible & semi-flexible applications. Our expertise in elastomer technology & application development ensures customers manufacture products economically & efficiently.

CHARACTERISTICS

- Excellent performance – our materials are tailor made to suit application performance criteria of strength & flexibility with excellent aesthetics, haptics & harmony, sealing capabilities, UV & weatherability, heat resistance, FR, low CoEF, and sustained continuous performance over ELV
- Reduced total system costs – our materials provide design flexibility, ease of processing at lower density, helping reduce weight, allow consolidation of parts & processes thus reducing raw material consumption, processing costs & lowering carbon footprint
- Sustainable – Our compounds are 100% recyclable unlike other thermoset rubbers or PVC materials, RoHS & REACH Compliant, Pthalate free



With a proven track record of over 3 decades, Zylog’s range of thermoplastic elastomer compounds are, today, used for the following range of automotive applications



Interior

- Mats & Cup Holders
- Handles, Grips & Knobs
- AC Vent Thumb Wheels
- AC Deflectors Flaps
- Steering Column Cover
- Gap Hiders
- Steering Wheel
- Horn Pad
- Air Bag Cover
- Bin Mats
- Pedal Grips
- Cable Ducts & Conduits
- Floor Mats Thermoformed



Exterior

- Bumper Extensions
- Hood to Cowl Seals
- Mirror Gaskets
- Door Handle Seals
- Spoilers & Trims
- Mud Flaps
- Step Mats



Weatherseals

- Roof Ditch Molding
- Sunroof Seals
- Windshield
- Glass Encapsulation
- Quarter Window
- Waist Belt Inner
- Wait Belt Outer
- End Cap & Corner Molding
- Glass Run Channel
- Gap Hiders
- Tailgate Trunk
- Fenders



Under the hood

- Air Duct System
- Control Cables
- Air Dams
- Plug, Bumpers & Grommet
- Tubes & Connectors
- Fuel Line Systems
- Dust Covers / Bellows
- Starter Motor Connectors
- Fuel Filler Housing Seal
- Electrical Housing Seal
- Headlight Seals
- Wiper Systems
- Chassis Undercover

| Product | Hardness | Features | Applications |
|---|--------------|--|---|
| Neoplast™ TPV <i>11XX Series</i> <i>12XX Series</i> | 35 A to 40 D | <ul style="list-style-type: none"> • General Purpose Grades • High Elastomeric Properties – Balance of Tensile, Elongation, Tear & Modulus, coupled with Compression & Tension Set | <ul style="list-style-type: none"> • Injection Molding, Extrusion, Blow Molding • Sealing Grades – Lip • Interior Components |
| Neoplast™ TPV <i>21XX Series</i> <i>22XX Series</i> | 40 A to 40 D | <ul style="list-style-type: none"> • Enhanced Colourability • Special Extrusion Grades with optimized flow • Higher Heat & Oil Resistance • Enhanced Haptics | <ul style="list-style-type: none"> • Injection Molding, Extrusion • Sealing Grades – Core, Glass Encapsulation • Under the hood applications • Interior Trims |
| Neoflex™ - TPE-S <i>71XX Series</i> <i>72XX Series</i> | 35 A to 40 D | <ul style="list-style-type: none"> • Good Colourability • Non UV Stabilized – Interior Applications | <ul style="list-style-type: none"> • Injection Molding |
| Neoflex™ - TPE-S <i>81XX Series</i> <i>82XX Series</i> | 10 A to 40 D | <ul style="list-style-type: none"> • Enhanced Colourability • Special Sealing Grades – Optimized Comp. Set • UV Stabilized, Low CoEF | <ul style="list-style-type: none"> • Injection Molding • Extrusion • Exterior Applications |
| Neolloy™ - TPO <i>3000 Series</i> | 75 A to 70 D | <ul style="list-style-type: none"> • Semi – Rigid / Rigid Grades • Good Impact / Stiffness Balance • Adjustable Gloss, Improved Scratch / Mar • Enhanced Aesthetics with UV Resistance | <ul style="list-style-type: none"> • Thermoforming Grades • Melt Coating Grades – Zimmer Coating • Soft Touch Interior Skins |

About ZYLOG

Established in 1984, Zylog is India's leading innovator & manufacturer of custom made TPV, TPE, TPO compounds. Zylog is also forward integrated into manufacturing extruded sheets and rolls under its brand names of CompSpec™ & GreenShield™. We invite you to visit our website to learn more about us.

All production facilities are IATF 16949 certified and follow strict environmental, health and safety standards, along with a very strong regulatory support, quality and management of change process.

Customers count on Zylog's unique problem solving abilities and flexible attitude towards doing business, helping customer meet requirements of diverse applications / markets. We have set and maintain an industry leading high service performance standard which is a key objective for us.

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 **CompSpec™**
TPO SHEETS & COMPOSITE LAMINATES

 **GreenShield**
An Eco-Friendly Membrane System

