

# Nipol® IR2200L

Polyisoprene

Zeon Chemicals L.P.

## Message:

NIPOL POLYISOPRENE ELASTOMERS are similar to natural rubber in structure and properties, exhibiting good inherent tack, high compound gum tensile, good hysteresis and good hot tensile properties. But Nipol also offers ease of processability for improved consistency and quality. Choosing these synthetic polymers means less mechanical work and breakdown are required, mix cycles are shorter and pre-massing can be eliminated when used as a direct replacement for natural rubber. Altogether, Nipol polyisoprene elastomers are ideal for use in tires, camelback, conveyor belts, V-belt, packings, seals, footwear, rubber thread, coated fabrics and other molded and extruded goods.

### Special Properties/Applications

Tires, belts, packings, seals, footwear and other extruded and molded mechanical goods. Can be blended with other rubbers such as NR, SBR, BR, etc., and is applicable to transparent and light-color products.

| General Information |                     |                   |
|---------------------|---------------------|-------------------|
| Features            | Good Processability |                   |
|                     | Low Viscosity       |                   |
| Uses                | Belts/Belt Repair   |                   |
|                     | Blending            |                   |
|                     | Conveyor Parts      |                   |
|                     | Fabric Coatings     |                   |
|                     | Footwear            |                   |
|                     | Seals               |                   |
|                     | Tires               |                   |
| Processing Method   | Extrusion           |                   |
|                     | Injection Molding   |                   |
| Physical            | Nominal Value       | Unit              |
| Specific Gravity    | 0.908               | g/cm <sup>3</sup> |
| Mooney Viscosity    | 65 to 80            | MU                |
| 1,4-cis Content     | 98.0                | wt%               |

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