

## Inno-Comp INNOPOLÂ® CS 2-8302 Elastomer Modified Polypropylene Block-Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Blow Molding Grade

### Material Notes:

INNOPOLÂ® CS 2-8302 is an elastomer modified compound based on polypropylene block-copolymer. This grade is available in nature and custom colored form. INNOPOLÂ® CS 2-8302 is developed for extrusion of sheets, profiles and for blow molding of different bottles. All information provided by INNO-COMP.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Inno-Comp-INNOPOL-CS-2-8302-Elastomer-Modified-Polypropylene-Block-Copolymer.php](http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-2-8302-Elastomer-Modified-Polypropylene-Block-Copolymer.php)

| Physical Properties | Metric                             | English                            | Comments |
|---------------------|------------------------------------|------------------------------------|----------|
| Density             | 0.900 g/cc                         | 0.0325 lb/inÂ³                     | ISO 1183 |
|                     | @Temperature 23.0 Â°C              | @Temperature 73.4 Â°F              |          |
| Melt Flow           | 0.50 g/10 min                      | 0.50 g/10 min                      | ISO 1133 |
|                     | @Load 2.16 kg, Temperature 230 Â°C | @Load 4.76 lb, Temperature 446 Â°F |          |

| Mechanical Properties   | Metric                 | English                | Comments                |
|-------------------------|------------------------|------------------------|-------------------------|
| Tensile Strength, Yield | 23.0 MPa               | 3340 psi               | 50 mm/min; ISO 527-1,-2 |
| Elongation at Yield     | 20 %                   | 20 %                   | 50 mm/min; ISO 527-1,-2 |
| Tensile Modulus         | 0.850 GPa              | 123 ksi                | 1 mm/min; ISO 527-1,-2  |
| Flexural Modulus        | 1.00 GPa               | 145 ksi                | 2 mm/min; ISO 178       |
| Charpy Impact, Notched  | 3.00 J/cmÂ²            | 14.3 ft-lb/inÂ²        | ISO 179/1eA             |
|                         | @Temperature -20.0 Â°C | @Temperature -4.00 Â°F |                         |
|                         | 7.50 J/cmÂ²            | 35.7 ft-lb/inÂ²        | ISO 179/1eA             |
|                         | @Temperature 23.0 Â°C  | @Temperature 73.4 Â°F  |                         |

| Thermal Properties                          | Metric   | English | Comments    |
|---|----------|---------|-------------|
| Deflection Temperature at 0.46 MPa (66 psi) | 85.0 Â°C | 185 Â°F | ISO 75-1,-2 |

| Descriptive Properties | Value   | Comments |
|------------------------|---------|----------|
| Color                  | Natural |          |

## **Contact Songhan Plastic Technology Co.,Ltd.**

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