

## Technical Data Sheet

### Hifax EKG 2037X BLACK

Polypropylene Compounds



#### Product Description

Hifax EKG 2037X BLACK is a mixed filler grade, elastomer modified PP, with glass fiber reinforcing and talc filling, high stiffness and good dimensional stability. The product is available in black color, pellet form.

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Application       | Structural Parts                                |
| Market            | Automotive                                      |
| Processing Method | Injection Molding                               |
| Attribute         | Good Dimensional Stability; Good Processability |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 13            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 1.13          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 5300          | MPa               | ISO 178/A1    |
| Tensile Stress at Yield, (23 °C)                          | 57            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Notched Izod Impact Strength                              |               |                   |               |
| (23 °C)                                                   | 8             | kJ/m <sup>2</sup> | ISO 180/1A    |
| (-30 °C)                                                  | 6             | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 135           | °C                | ISO 75B-1, -2 |

