

Technical Data Sheet

Hifax TKC 461X NA BLACK



Polypropylene Compounds

Product Description

Hifax TKC 461X NA BLACK is a 12% talc filled PP copolymer, with very low shrinkage and good impact resistance. Product is available in black color, pellet form.

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|--------------------------|---|
| Application | Automotive Parts; Bumpers; Exterior Automotive Applications |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Good Impact Resistance; Low Coefficient of Linear Thermal Expansion; Low Shrinkage; Paintable |

| Typical Properties | Nominal Value | Units | Test Method |
|--|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 14 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 0.98 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Flexural Modulus, (23 °C, Tech. A) | 1550 | MPa | ISO 178/A1 |
| Tensile Stress at Yield, (23 °C) | 18 | MPa | ISO 527-1, -2 |
| Tensile Strain at Break, (23 °C) | >200 | % | ISO 527-1, -2 |
| Impact | | | |
| Charpy Impact Strength - Notched | | | |
| (23 °C) | 60 | kJ/m ² | ISO 179-1/1eA |
| (-30 °C) | 7 | kJ/m ² | ISO 179-1/1eA |
| Additional Information | | | |
| Mold Shrinkage | | | ISO 294-4 |
| Please contact LyondellBasell for shrinkage recommendations. | | | |