

## **Technical Data Sheet**

## Softel/TKG 2039N NA C12334 Blk

LYB LyondellBasell

Polypropylene Compounds

## **Product Description**

*Softell* TKG 2039N NA C12334 Blk is a 25% glass fiber reinforced PP copolymer, with high UV resistance, very good soft touch haptics, high flowability, high dimensional stability and very high scratch resistance. The product is available in pellet form. Material shows low shrinkage and has a very low warpage tendency.

**Application** Instrument Panels; Interior Trims

Market Automotive

Processing Method Injection Molding

Attribute Good Dimensional Stability; Good UV Resistance; High Flow; Scratch Resistant; Soft

|   | Nominal |          |               |
|---|---------|----------|---------------|
| Typical Properties                        | Value   | Units    | Test Method   |
| Physical                                  |         |          |               |
| Melt Flow Rate, (230 °C/2.16 kg)          | 12      | g/10 min | ISO 1133-1    |
| Density, (23 °C)                          | 1.08    | g/cm³    | ISO 1183-1    |
| Mechanical                                |         |          |               |
| Flexural Modulus, (23 °C)                 | 2600    | MPa      | ISO 178       |
| Tensile Stress at Yield, (23 °C)          | 36      | MPa      | ISO 527-1, -2 |
| Tensile Strain at Yield, (23 °C)          | 14      | %        | ISO 527-1, -2 |
| Impact                                    |         |          |               |
| Charpy Impact Strength - Notched, (23 °C) | 37      | kJ/m²    | ISO 179       |
| Additional Information                    |         |          |               |
| Mold Shrinkage                            |         |          | ISO 294-4     |

Please contact LyondellBasell for shrinkage recommendations.