

# Hifax PPK 8027HL23 BLACK

Polypropylene Copolymer  
LyondellBasell Industries

Message:

Hifax PPK 8027HL23 BLACK is an unfilled PP copolymer, with medium flowability, good impact resistance and good stiffness. The product is available in black color, pellet form.  
This grade is not intended for medical, pharmaceutical, food and drinking water applications.

| General Information                               |                                                                         |           |             |
|---------------------------------------------------|-------------------------------------------------------------------------|-----------|-------------|
| Features                                          | Rigid, good<br>Copolymer<br>Impact resistance, good<br>Medium liquidity |           |             |
| Uses                                              | Application in Automobile Field<br>Car exterior decoration              |           |             |
| Appearance                                        | Black                                                                   |           |             |
| Forms                                             | Particle                                                                |           |             |
| Processing Method                                 | Injection molding                                                       |           |             |
| Physical                                          | Nominal Value                                                           | Unit      | Test Method |
| Density (23°C)                                    | 0.910                                                                   | g/cm³     | ISO 1183/A  |
| Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)          | 4.0                                                                     | g/10 min  | ISO 1133    |
| Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)        | 5.00                                                                    | cm³/10min | ISO 1133    |
| Mechanical                                        | Nominal Value                                                           | Unit      | Test Method |
| Tensile Modulus (23°C)                            | 900                                                                     | MPa       | ISO 527-2   |
| Tensile Stress (Yield, 23°C)                      | 22.0                                                                    | MPa       | ISO 527-2   |
| Tensile Strain (Yield, 23°C)                      | 10                                                                      | %         | ISO 527-2   |
| Impact                                            | Nominal Value                                                           | Unit      | Test Method |
| Charpy Notched Impact Strength                    |                                                                         |           | ISO 179/1eA |
| -30°C                                             | 7.0                                                                     | kJ/m²     | ISO 179/1eA |
| 23°C                                              | No Break                                                                |           | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C)           | No Break                                                                |           | ISO 179/1eU |
| Thermal                                           | Nominal Value                                                           | Unit      | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 54.0                                                                    | °C        | ISO 75-2/A  |
| Vicat Softening Temperature                       | 56.0                                                                    | °C        | ISO 306/B   |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT