



Hifax PPK 8027HL23 BLACK

Compounded Polyolefin

Product Description

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.

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Flowability, impact resistance, stiffness.
Typical Customer Applications	Used for automotive exterior trims.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 5 kg)	ISO 1133	4	g/10 min
Melt Volume Rate (230 °C, 5 kg)	ISO 1133	5	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	0.91	g/cm ³
Mechanical			
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	10	%
Tensile Modulus (23 °C)	ISO 527-1, -2	900	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	22	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	NB	kJ/m ²
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	NB	kJ/m ²
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	7	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	56	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	54	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

