

Technical Data Sheet

Hifax HKC 426P BLACK



Polypropylene Compounds

Product Description

Hifax HKC 426P BLACK is a 22% talc filled PP homopolymer, with high stiffness and high UV resistance. Product is available in black color, pellet form.

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

Status	Commercial: Active
Availability	Europe
Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding
Attribute	Good UV Resistance; High Stiffness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ISO 1133-1
Density, (23 °C)	1.04	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2800	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	32	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	15	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	3	kJ/m ²	ISO 179-1/1eA
(-30 °C)	1.5	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	150	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	110	°C	ISO 75B-1, -2

Notes

These are typical property values not to be construed as specification limits.