



Hifax TKS 428P E1 C11306

Compounded Polyolefin

Product Description

Hifax TKS 428P E1 C11306 is an unfilled PP copolymer, with excellent impact/stiffness balance, good flowability, very good surface appearance, very good UV resistance and excellent processability. Formula is improved to offer better aspect, especially on tiger stripes. Advanced technologies allowed for a significant reduction of mineral filler which contributed to the reduction of final part weight. Please contact lyondellbasell for shrinkage recommendations. The product is available in different color matched, pellet form. This grade is delivered in C11306 color version.

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

Product Characteristics

Status	Commercial	
Availability	Europe, Asia Pacific, Americas	(1)
Processing Method	Injection molding	
Features	Impact/stiffness balance, flowability, surface appearance, UV resistance, processability. Low density contributes to reduction of final part weight.	
Typical Customer Applications	Used for moulding large complex parts and automotive painted bumper fascias, as well as outdoor/exterior applications.	

Typical Properties

	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	10	g/10 min
Density (23 °C)	ISO 1183-1/A	0.91	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	18	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1100	MPa
Impact			
Izod Impact strength, notched (23 °C)	ISO 180/1A	45	kJ/m ²
Izod Impact Strength, notched (-30 °C)	ISO 180/1A	6	kJ/m ²
Izod Impact Strength, notched (-20 °C)	ISO 180/1A	7	kJ/m ²
Thermal			
Vicat Softening Temperature A (10 N)	ISO 306	131	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	73	°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.

Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.