

Technical Data Sheet

Hifax TKS 428P E1 C11306



Polypropylene Compounds

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.

Status	Commercial: Active
Availability	Europe
Application	Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Flow; Good Processability; Good UV Resistance; Low Density

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133-1
Density, (23 °C)	0.91	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1100	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	17	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	45	kJ/m ²	ISO 179-1/1eA
(-30 °C)	6	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	130	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	50	°C	ISO 75A-1, -2

Notes

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