



Hifax TKS 428P

Compounded Polyolefin

Product Description

"Hifax" TKS 428P is an unfilled, impact modified grade for spoiler applications with excellent impact/stiffness balance, good flowability, tiger stripe free and UV stabilized. The grade has been specifically designed for moulding large complex parts that require high impact strength as well as good stiffness.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Latin America
Features	Pleasing Surface Appearance, Impact Copolymer, High Impact Resistance , Good Stiffness , Non Toxic, Good UV Resistance
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	0.91 g/cm ³
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	10 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	18 MPa
Flexural modulus	ISO 178	1100 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C, Type 1, Notch A)		45 kJ/m ²
(-20 °C, Type 1, Notch A)		7.0 kJ/m ²
(-30 °C, Type 1, Notch A)		6.0 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa)	ISO 75B-1, -2	73 °C
Unannealed		
Vicat softening temperature (A50 (50°C/h 10N))	ISO 306	131 °C

Additional Properties

Low density spoiler grade

Notes

Typical properties; not to be construed as specifications.

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- ┆ Basell Sales & Marketing Company B.V.
- ┆ Basell Asia Pacific Limited
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Users should review the applicable Material Safety Data Sheet before handling the product.

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