

Hifax TKS 428P

Polyolefin
LyondellBasell Industries

Message:
"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.

General Information	
Additive	Impact Modifier
Features	Good Flow
	Good Stiffness
	Good UV Resistance
	High Impact Resistance
	Impact Copolymer
	Impact Modified
	Low Density
	Non-Toxic
	Pleasing Surface Appearance
Uses	Automotive Applications
	Automotive Bumper
	Automotive Exterior Parts

Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Flexural Modulus	1100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	6.0	kJ/m ²	
-20°C	7.0	kJ/m ²	
23°C	45	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	73.0	°C	ISO 75-2/B
Vicat Softening Temperature	131	°C	ISO 306/A50

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