



Hifax EKS 226P

Compounded Polyolefin

Product Description

"Hifax EKS 226P" is an unfilled UV stabilised Polypropylene copolymer for injection molding. It combines low stiffness/with excellent impact properties and good flowability. The grade has been specifically designed for molding of automotive exterior parts that requires very good low temperature impact behavior. The grade is available in color-matched, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Method	Injection Molding
Features	Good Dimensional Stability, Good Flow, High Impact Resistance , Low Temperature Impact Resistance
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0,89 g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	13 g/10 min
Mechanical		
Tensile Modulus (Secant)	ISO 527-1, -2	MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	14 MPa
Flexural modulus	ISO 178	600 MPa
Impact		
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A)	ISO 179	kJ/m²
(°C, Type 1, Edgewise, Notch A)		kJ/m²
Notched izod impact strength (-40 °C, Type 1, Notch A)	ISO 180	7,5 kJ/m²
(23,0 °C, Type 1, Notch A)		n.b. kJ/m²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	60 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	°C

Notes

Typical properties; not to be construed as specifications.

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

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