



Hifax EKC 177P

Compounded Polyolefin

Product Description

"Hifax" EKC 177P is a medium melt flow, 30% mineral filled, UV stabilised, polypropylene copolymer. The product features an excellent balance of flowability, impact strength and stiffness.

This grade is available in custom colour, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Features	Copolymer, Medium Flow, Good Impact Resistance , Good Stiffness
Typical Customer Applications	Exterior Applications, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	1.14 g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	12 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	20.0 MPa
Tensile Strain at Break	ISO 527-1, -2	30 %
Flexural modulus	ISO 178	2300 MPa
Impact		
Notched izod impact strength (23 °C, Type 1, Notch A)	ISO 180	10 kJ/m²
		(-30 °C, Type 1, Notch A) 3.5 kJ/m²
Thermal		
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	64.0 °C
Vicat softening temperature (B50 (50°C/h 50N))	ISO 306	56.0 °C

Additional Properties

CLTE, Basell Test Method: 6e-5 1/K

Notes

Typical properties; not to be construed as specifications.

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- ┆ Equistar Chemicals, LP
- ┆ 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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