



Hostacom Premium TKC 144N

Compounded Polyolefin

Product Description

"Hostacom" Premium TKC 144N is a 18% mineral filled, impact modified polypropylene copolymer for injection molding. It combines excellent stiffness/impact balance, excellent scratch resistance, high hardness, and good flowability properties with good dimensional stability.

The grade has been specifically designed for molding of automotive interior trim parts.

The grade is available in color-matched, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Features	Good Dimensional Stability, Good Flow, Good Impact Resistance , Scratch Resistant, High Stiffness, High Hardness
Typical Customer Applications	Interior Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.03 g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	15 g/10 min
Mechanical		
Tensile Modulus (1 mm/min, Secant)	ISO 527-1, -2	2150 MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	23 MPa
Impact		
Charpy unnotched impact strength (23 °C, Type 1, Edgewise)	ISO 179	No Break kJ/m²
(-30 °C, Type 1, Edgewise)		45 kJ/m²
Charpy notched impact strength (23 °C, Type1, Edgewise, Notch A)	ISO 179	25 kJ/m²
(-30 °C, Type1, Edgewise, Notch A)		4 kJ/m²
Hardness		
Shore hardness (Shore D (15 sec))	ISO 868	66
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	100 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	58 °C
Additional Information		
Mold shrinkage	ISO 294-4	0.80 to 1.0 %

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
- ┆ Basell International Trading FZE
- ┆ LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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