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Technical Data Sheet

Hostacom TKC 451N D82849

LYB LyondellBasell

Polypropylene Compounds

Product Description

Hostacom TKC 451N is a 18% talc filled PP copolymer, with good impact/stiffness balance and high scratch resistance. The product is available in different color matched, pellet form. This grade is delivered in customer customized colors, this Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Application Interior Automotive Applications

Market Automotive

Processing Method Injection Molding
Attribute Scratch Resistant

	Nominal		
Typical Properties	Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	14	g/10 min	ISO 1133-1
Density, (23 °C)	1.04	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1850	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	20	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	20	kJ/m²	ISO 180/1A
(-30 °C)	3	kJ/m²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	96	°C	ISO 75B-1, -2