



Hostacom NXK91201

Compounded Polyolefin

Product Description

Hostacom NXK91201 conventional melt flow, 400 MPa flexural modulus, paintable thermoplastic elastomeric olefin (TEO) resin exhibits balanced strength, toughness, flexibility and ductility. Typical applications include automotive air bag door covers and closures and lid stock.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Injection Molding
Features	Ductile, Good Flexibility, Paintable, Good Toughness, Good Strength
Typical Customer Applications	Caps & Closures, Automotive Parts

Typical Properties	Method	Value Unit
--------------------	--------	------------

Physical

Density	ISO 1183	0.89 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	2.5 g/10 min

Note: Alternative test method is ASTM D 1238-01.

Mechanical

Tensile Stress at Break	ISO 527-1, -2	10 MPa
Tensile Stress at Yield	ISO 527-1, -2	8 MPa
Tensile Strain at Break	ISO 527-1, -2	450 %
Tensile Strain at Yield	ISO 527-1, -2	12 %
Flexural modulus	ISO 178	400 MPa

Impact

Notched izod impact strength	ISO 180	
(-30 °C)		No Break
(23 °C)		No Break
(-40 °C)		No Break

Hardness

Shore hardness (Shore D)	ISO 868	54
--------------------------	---------	----

Thermal

Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	53 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	37 °C

Additional Properties

Note: Mold shrinkage values are determined on laboratory injection molded 100 mm x 150 mm x 3.2 mm plaques and, as such, are not necessarily representative of actual field data. Since, for example, wall thickness, gate type and location, flow length and paint oven temperature affect final part dimensions, it is recommended that you contact your Basell representative before any tools are cut.

Notes

Typical properties: not to be construed as specifications.