



Hostacom NXO21001

Compounded Polyolefin

Product Description

Hostacom NXO21001 high melt flow, 1,100 MPa flexural modulus, unreinforced polypropylene copolymer is designed for injection molding thin-walled parts. It combines good properties with excellent processability.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Processing Method	Injection Moulding
Features	Copolymer, Flow, High, Processability, Good, Rigidity, High, Colorability, Good
Typical Customer Applications	Wire & Cable, Other Industrial, TWIM Food Containers

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.89	g/cm ³
Melt flow rate (230°C/2.16kg)	ASTM D 1238	25	g/10 min
Mechanical			
Tensile Strength @ Yield	ASTM D 638	36	MPa
Tensile Strength @ Break	ASTM D 638	19	MPa
Flexural Modulus	ASTM D 790	1100	MPa
Flexural Strength @ Yield	ASTM D 790	38	MPa
Tensile Elongation @ Yld	ASTM D 638	7	%
Tensile Elongation @ Brk	ASTM D 638	280	%
Impact			
Notched izod impact (23 °C)	ASTM D 256	58	J/m
Hardness			
Rockwell Hardness (R-Scale)	ASTM D 785	87	
Thermal			
DTUL @66psi - Unannealed	ASTM D 648	87	°C
Electrical			
Dielectric constant		2.3	
Additional Information			
Mold shrink, Linear-Flow	ASTM D 955	1.5	%
<i>Note: After 48 hrs at 23°C (Tool).</i>			

Notes

Typical properties; not to be construed as specifications.

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.

© 2003 Basell Service Company B.V.

For the contact details of the LyondellBasell company selling this product in your country, please visit <http://www.basell.com/>.

Before using a LyondellBasell product, customers and other users should make their own independent determination that the product is suitable for the intended use. They should also ensure that they can use the LyondellBasell product safely and legally. This document does not constitute a warranty, express or implied, including a warranty of merchantability or fitness for a particular purpose. In addition, no immunity under LyondellBasell's or third parties' intellectual property rights shall be implied from this document. No one is authorized to make any warranties, issue any immunities or assume any liabilities on behalf of LyondellBasell except in a writing signed by an authorized LyondellBasell employee. Unless otherwise agreed in writing, the exclusive remedy for all claims is replacement of the product or refund of the purchase price at LyondellBasell's option, and in no event shall LyondellBasell be liable for special, consequential, incidental, punitive or exemplary damages.

CRP, Adflex, Adstif, Adsyl, Akoalit, Akoafloor, Avant, Catalloy, Clyrell, Entegritiy, Get in touch with, Hifax, Higran, Histif, Hostacom, Hostalen, LIPP, Lucalen, Luflexen, Lupocomp, Lupolen, Lupolex, Luposim, Lupostress, Lupotech, Metocene, Moplen, Pristene, Purell, Pro-fax, Sholybox, Softell, Spherilene, Spheripol, Spherizone, Stretchene, Toppyl and Valtec are trademarks owned or used by LyondellBasell group companies.

Adflex, Adstif, Adsyl, Clyrell, CRP, Hifax, Hostacom, Hostalen, Lucalen, Luflexen, Lupolen, Lupotech, Moplen and *Pro-fax* are registered in the U.S. Patent and Trademark Office.

Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

Release Date: 03 Feb 2004