

Hostacom NXO21001

Polypropylene Copolymer
LyondellBasell Industries

Message:

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.

General Information			
Features	Copolymer		
	Good Colorability		
	Good Processability		
	High Flow		
	High Rigidity		
Uses	Food Containers		
	Industrial Applications		
	Thin-walled Containers		
	Wire & Cable Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.890	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C, 48 hr, 3.20 mm)	1.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	87		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	36.0	MPa	
Break	19.0	MPa	
Tensile Elongation			ASTM D638
Yield	7.0	%	
Break	280	%	
Flexural Modulus	1100	MPa	ASTM D790
Flexural Strength (Yield)	38.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	58	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method


Deflection Temperature Under Load (0.45 MPa, Unannealed)	87.0	°C	ASTM D648
Electrical	Nominal Value		Test Method
Dielectric Constant	2.30		ASTM D150

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