

Nipolon® Hard 8022

High Density Polyethylene

TOSOH Corporation

Message:

Nipolon® Hard 8022 is a High Density Polyethylene material. It is available in Asia Pacific, Europe, or North America for blow molding.

General Information			
Features	Additive Free		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.958	g/cm ³	JIS K6922-1
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.35	g/10 min	JIS K6922-1
Environmental Stress-Cracking Resistance (F50)	80.0	hr	JIS K6922-2
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	70		JIS K7215
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1350	MPa	JIS K6922-2
Tensile Stress (Break)	> 20.0	MPa	JIS K6922-2
Tensile Strain (Break)	> 690	%	JIS K6922-2
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -80.0	°C	JIS K7216

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Recommended distributors for this material

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