

Moplen HP740H

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Moplen HP740H is a polypropylene homopolymer. With its good stiffness and top load strength, this grade is especially suitable for solid phase pressure thermoforming process. Potential end use products include drinking, margarine, noodle and dairy cups, etc. all of which can be hot fillable or microwaveable.

General Information	
Features	Food Contact Acceptable
	High Clarity
	High Stiffness
	Homopolymer
	Low Odor Transfer
Uses	Containers
	Cups
Forms	Pellets
Processing Method	Extrusion
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.1	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.0	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus	1750	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	115	°C	ASTM D648

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

