

Moplen HP640RK

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Moplen HP640RK isa polypropylene homopolymer with good transparency, high gloss and excellent stiffness. Typical customer applications are TWIM, houseware, food containers.

General Information		
Features	Rigid, good	
	Highlight	
	Definition, high	
Uses	Thin wall parts	
	Shield	
	Household goods	
	Container	
	Food container	
	Shell	
Processing Method	Injection molding	
Physical	Nominal Value	Unit
Density	0.900	g/cm ³
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	24	g/10 min
Hardness	Nominal Value	Unit
Rockwell Hardness (R-Scale)	110	
Mechanical	Nominal Value	Unit
Tensile Strength (Yield)	38.0	MPa
Tensile Elongation (Yield)	10	%
Flexural Modulus	1900	MPa
Impact	Nominal Value	Unit
Notched Izod Impact (23°C)	25	J/m
Thermal	Nominal Value	Unit
Deflection Temperature Under Load (0.45 MPa, Unannealed)	122	°C

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