

POLIMAXX 1140H

Polypropylene Homopolymer
IRPC Public Company Limited

Message:

POLIMAXX 1140H is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by blow molding, sheet extrusion, or thermoforming and is available in Asia Pacific, Europe, or North America. Applications of POLIMAXX 1140H include containers and food contact applications. Characteristics include:
RoHS Compliant
Clarity
Food Contact Acceptable
Good Stiffness
Homopolymer

General Information	
Features	Food Contact Acceptable
	Good Stiffness
	High Clarity
	Homopolymer
Uses	Containers
Agency Ratings	FDA 21 CFR 177.1520
RoHS Compliance	RoHS Compliant
Processing Method	Blow Molding
	Sheet Extrusion
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	107		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.0	MPa	ASTM D638
Tensile Elongation (Yield)	23	%	ASTM D638
Flexural Modulus - 1% Secant	1800	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m²	DIN 53453
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	120	°C	ASTM D648
Extrusion	Nominal Value	Unit	
Melt Temperature	190 to 230	°C	

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