

POLIMAXX 3340H

Polypropylene Random Copolymer
IRPC Public Company Limited

Message:

3340H is a Random Copolymer Polypropylene resin for extrusion sheet and molding process with high clarity. It is suitable for cosmetic bottles, sheet for thermoforming, closure, and file. It also meets the F.D.A. requirement in the code of federal regulations in 21 CFR 177.1520 for food contact.

General Information	
Features	Food Contact Acceptable
	High Clarity
	Random Copolymer
Uses	Bottles
	Closures
	Sheet
Agency Ratings	FDA 21 CFR 177.1520
RoHS Compliance	RoHS Compliant
Processing Method	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)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.5	MPa	ASTM D638
Tensile Elongation (Yield)	38	%	ASTM D638
Flexural Modulus - 1% Secant	1000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	11	kJ/m²	DIN 53453
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	83.0	°C	ASTM D648
Extrusion	Nominal Value	Unit	
Melt Temperature	170 to 230	°C	

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