

# POLIMAXX 3325M

Polypropylene Random Copolymer

IRPC Public Company Limited

## Message:

3325M is a Random Copolymer Polypropylene for film extrusion process. It is suitable for CPP film for Laminate, CPP film for packaging. 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 Random Copolymer		
Uses	Laminates Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
RoHS Compliance	RoHS Compliant		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	88		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.0	MPa	ASTM D638
Tensile Elongation (Yield)	37	%	ASTM D638
Flexural Modulus - 1% Secant	850	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.5	kJ/m <sup>2</sup>	DIN 53453
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	75.0	°C	ASTM D648
Extrusion	Nominal Value	Unit	Test Method
Melt Temperature	200 to 240	°C	

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