

POLIMAXX 3325M

IRPC Public Company Limited - *Polypropylene Random Copolymer*

General Information

Product Description

3325M is a Polypropylene Random Copolymer resin with the characteristic of high clarity and soft touch as seal layer for CPP film extrusion process.

PRODUCT FEATURES:

- Soft touch properties
- High clarity
- Without optical brightener
- Odorless

TYPICAL APPLICATION:

- Packaging CPP film
- Laminate CPP film

COMPLIANCE:

- FDA US 21 CFR 177.1520
- Commission Regulation (EU) No. 10/2011
- RoHS
- REACH
- HALAL

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• Food Contact Acceptable	• Odorless	• Soft
	• High Clarity	• Random Copolymer	
Uses	• Film	• Laminates	• Packaging
Agency Ratings	• EU No 10/2011	• FDA 21 CFR 177.1520	
RoHS Compliance	• RoHS Compliant		
Processing Method	• Film Extrusion		

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	0.902		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical			
Tensile Strength (Yield)	3770	psi	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus - 1% Secant	116000	psi	ASTM D790
Impact			
Notched Izod Impact (73°F)	0.47	ft·lb/in	ASTM D256
Hardness			
Rockwell Hardness (R-Scale)	80		ASTM D785
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	167	°F	ASTM D648
Optical			
Gloss (20°)	125		ASTM D2457
Haze (1.57 mil)	2.00	%	ASTM D1003

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	392 to 446	°F



Cylinder Zone 2 Temp.	392 to 446 °F
Cylinder Zone 3 Temp.	392 to 446 °F
Cylinder Zone 4 Temp.	392 to 446 °F
Die Temperature	446 to 482 °F

Notes

¹ Typical properties: these are not to be construed as specifications.

