

POLIMAXX 3375SM

IRPC Public Company Limited - Polypropylene Random Copolymer

General Information

Product Description

3375SM is a Polypropylene Random Copolymer resin with the characteristic of high speed coating with high glossy surface and strength with good color printing adhesion laminate.

PRODUCT FEATURES:

- High glossy surface
- High adhesion strength
- Good color printing adhesion
- Low neck-in

TYPICAL APPLICATION:

- Extrusion coating
- Gravure print coating
- Flexographic print coating
- Paper and woven fabric coating

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	• High Gloss	• Random Copolymer
	• Good Adhesion	• Low Neck-In	
Uses	• Coating Applications		
Agency Ratings	• EU No 10/2011	• FDA 21 CFR 177.1520	
RoHS Compliance	• RoHS Compliant		
Processing Method	• Extrusion Coating		

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	0.915		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical			
Tensile Strength (Yield)	3340	psi	ASTM D638
Tensile Elongation (Yield)	14	%	ASTM D638
Flexural Modulus - 1% Secant	109000	psi	ASTM D790
Impact			
Notched Izod Impact (73°F)	0.84	ft·lb/in	ASTM D256
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	158	°F	ASTM D648

Processing Information

	Nominal Value	Unit
Extrusion		
Die Temperature	464 to 536	°F

