

POLIMAXX 3380SM

IRPC Public Company Limited - Polypropylene Random Copolymer

General Information

Product Description

3380SM is a Polypropylene Random Copolymer resin for extrusion lamination with the characteristic of high bonding strength and high speed laminate. Suitable for tie - layer laminate with BOPP film, gravure printing woven sacks and others.

PRODUCT FEATURES:

- High glossy and exhibity
- High bonding strength

TYPICAL APPLICATION:

- Extrusion coating
- Gravure print coating
- Tie-layer lamination

COMPLIANCE:

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

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• Food Contact Acceptable	• High Gloss	
	• Good Adhesion	• Random Copolymer	
Uses	• Coating Applications	• Laminates	• Tie-Layer
Agency Ratings	• EU No 10/2011	• FDA 21 CFR 177.1520	
RoHS Compliance	• RoHS Compliant		
Processing Method	• Extrusion	• Laminating	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.915		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	3190	psi	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus - 1% Secant	104000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	0.66	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	158	°F	ASTM D648

Processing Information

Extrusion	Nominal Value	Unit
Die Temperature	464 to 536	°F

