

3380SM

Polypropylene Random Copolymer/
High Bonding Strength and High Speed Extrusion Laminate

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.

TYPICAL APPLICATION

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

PRODUCT FEATURES

- High glossy and exhibility
- High bonding strength

COMPLIANCE

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

PHYSICAL PROPERTIES	TEST METHOD	UNIT	VALUE
Melt Flow Index (2.16 kg/230 °C)	ASTM D1238	g/10 min	35
Density	ASTM D792	g/cm ³	0.913
Tensile Strength at Yield	ASTM D638	MPa	22
Elongation at Yield	ASTM D638	%	13
Izod Notched Impact Strength (at 23 °C)	ASTM D256	J/m	35
Flexural Modulus (1% SECANT)	ASTM D790	MPa	720
Heat Distortion Temperature (0.45 MPa)	ASTM D648	°C	70

Remark: The values presented on the above are typical laboratory, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitability of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.



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PROCESSING TECHNIQUE

Screw Temperature : 230 - 270 °C

T-Die Temperature : 240 - 280 °C

Lamination Speed : 130 - 220 m/min

*However, the actual processing conditions depend on screw design, power of machine, equipment and other environments.

PRODUCT PACKAGING

- 25 kg loose bag
- 25 kg stretch wrap on palletized
- 750 kg jumbo bag

For further information, contact the IRPC's Sales representative.

STORAGE

Storage at ambient temperature preferably not higher than 38 °C (100 °F).

- Dry environment with the exclusion of contamination.
- Protection against direct sunlight, radiation and artificial light containing UV-Radiation.
- Protection from ozone-generating electrical devices.
- Under these optimal conditions, the physical properties of resins should remain stable with the exception of the yellowness index which is expected to increase over time.

More information provide in safety data sheet.

SAFETY

This product is not classified as hazardous material for more information please refer to safety data sheet.

RECYCLING

It is an undisputed fact that the product can be recycled or disposed of without any problem.