

POLIMAXX 1126NK

 IRPC Public Company Limited - *Polypropylene Homopolymer*
General Information
Product Description

1126NK is a Polypropylene Homopolymer resin for general purpose water-quenched blown film with the characteristic of good processibility containing slip and anti-block additive.

PRODUCT FEATURES:

- High productivity
- Good processibility
- Good optical properties
- Excellent open-ability
- Good balancing slip and anti-blocking additive

TYPICAL APPLICATION:

- Food packaging
- Shopping bags
- Outer packing bag

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
Additive	• Antiblock	• Slip	
Features	• Antiblocking	• Good Optical Properties	• Slip
	• Food Contact Acceptable	• Good Processability	
	• General Purpose	• Homopolymer	
Uses	• Bags	• Food Packaging	
	• Film	• General Purpose	
Agency Ratings	• EU No 10/2011	• FDA 21 CFR 177.1520	
RoHS Compliance	• RoHS Compliant		
Processing Method	• Blown Film		

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)	11	g/10 min	ASTM D1238
Mechanical			
Tensile Strength (Yield)	5080	psi	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus - 1% Secant	189000	psi	ASTM D790
Impact			
Notched Izod Impact (73°F)	0.64	ft-lb/in	ASTM D256
Hardness			
Rockwell Hardness (R-Scale)	100		ASTM D785
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	212	°F	ASTM D648
Optical			
Gloss (20°)	125		ASTM D2457



Haze (1.57 mil)	2.00 %	ASTM D1003	
Additional Information	Nominal Value	Unit	Test Method
Processing Temperature	374 to 428	°F	

Notes

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

