

POLIMAXX 1126NK

Polypropylene Homopolymer
IRPC Public Company Limited

Message:

1126NK is a Polypropylene Homo-polymer resin for water quenched blow film with the characteristic of good process ability, high clarity containing slip and anti-block additive. It is specially designed for the production of general purpose film with high clarity. Typical applications are food packaging, shopping film bag. It also meets the F.D.A. requirement in the code of federal regulations in 21 CFR 177.1520 for food contact.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Food Contact Acceptable		
	Good Processability		
	High Clarity		
	Homopolymer		
	Slip		
Uses	Bags		
	Film		
	Food Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
RoHS Compliance	RoHS Compliant		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Yield)	29	%	ASTM D638
Flexural Modulus - 1% Secant	1450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m ²	DIN 53453
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648
Extrusion	Nominal Value	Unit	

Melt Temperature

180 to 220

°C

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