PolySource

POLIMAXX 1125NA
IRPC Public Company Limited - *Polypropylene Homopolymer*

General Information

Product Description

1125NA is a Polypropylene Homopolymer resin for CPP film (monolayer and core layer for co-extrusion cast film) containing slip and anti-block additive with the characteristic of good processability and high clarity.

PRODUCT FEATURES:
- Good processability
- High clarity
- Low gels

TYPICAL APPLICATION:
- Packaging film -
- Film for lamination (As a core layer for co-extrusion cast film, monolayer cast film)

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	• High Clarity	• Low Gel
	• Good Processability	• Homopolymer	• Slip
Uses	• Cast Film	• Laminates	
	• Film	• Packaging	
Agency Ratings	• EU No 10/2011	• FDA 21 CFR 177.1520	
RoHS Compliance	• RoHS Compliant		
Processing Method	• Cast Film	• Film Extrusion	

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.902		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	5370	psi	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus - 1% Secant	225000	psi	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	0.62	ft·lb/in	ASTM D256

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	107		ASTM D785

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	221	°F	ASTM D648

Optical	Nominal Value	Unit	Test Method
Gloss (20°)	150		ASTM D2457
Haze (1.57 mil)	2.00	%	ASTM D1003

Processing Information

Extrusion	Nominal Value	Unit

Cylinder Zone 1 Temp.	410 to 446 °F
Cylinder Zone 2 Temp.	410 to 446 °F
Cylinder Zone 3 Temp.	410 to 446 °F
Cylinder Zone 4 Temp.	410 to 446 °F
Cylinder Zone 5 Temp.	410 to 446 °F
Die Temperature	464 to 482 °F

Notes

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