Advanced-PP 1128N

Polypropylene Homopolymer

Advanced Petrochemical Company

Message:

Advanced-PP 1128 N is a propylene homopolymer & suited for cast film application. It contains slip & antiblocking agents.
Application
Cast film & water quenchied tubular film
Regulatory Information:
The Grade Advanced-PP 1128N and additives incorporated comply with United States FDA Regulation 21CFR 177.1520 Olefin Polymers and European Regulation (EU) 10/2011. Specific information is available upon request.

General Information			
Additive	Antiblock Slip		
Features	Antiblocking Homopolymer Slip		
Uses	Cast Film Film		
Agency Ratings	EU 10/2011 FDA 21 CFR 177.1520		
Processing Method	Cast Film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.910	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Ball Indentation Hardness (H 358/30)	76.0	MPa	ISO 2039-1
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1500	MPa	ISO 527-2/1
Tensile Stress (Yield)	35.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	9.0	%	
Break	> 50	%	
Flexural Modulus			DIN 53121
Across Flow : 0.0500 mm, Cast Film	670	MPa	
Flow : 0.0500 mm, Cast Film	700	MPa	
Coefficient of Friction	0.18		DIN 53375

Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	
Tensile Elongation			DIN 53455
MD : Break, 50 µm, Cast Film	680	%	
TD : Break, 50 µm, Cast Film	720	%	
Dart Drop Impact [1] (50 µm, Cast Film)	280	g	ASTM D1709
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B
Vicat Softening Temperature	154	°C	ISO 306/A50
Melting Temperature (DSC)	163	°C	ISO 3146
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (20°, 50.0 µm, Cast Film)	100		ISO 2813
Haze (1000 µm, Injection Molded)	2.7	%	ASTM D1003
Additional Information	**Nominal Value**	**Unit**	**Test Method**
Tear Strength [2]			DIN 53455
MD : 50.0 µm	42.0	MPa	
TD : 50.0 µm	38.0	MPa	
NOTE			
1.	F50		
2.	Cast Film		

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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