

Moplen HP528NH

Polypropylene Homopolymer

PolyMirae

Message:

Moplen HP528NH is a polypropylene homopolymer. With high slip and anti-blocking properties, it is selected by customers for use in water-quenched tubular film (IPP)application. Potential end user applications include packaging for hosiery, shirts, other textiles and food as monolayer and multilayer.

General Information			
Additive	Antiblock		
	High Slip		
Features	Antiblocking		
	Good Processability		
	High Slip		
	Homopolymer		
Uses	Food Packaging		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	32.4	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus	1520	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	34	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	116	°C	ASTM D648

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