

Moplen HP528NS

Homopolymer



Product Description

Moplen HP528NS is a polypropylene homopolymer with good balance between slip and anti-blocking properties. It's suitable for water-quenched tubular film (IPP film). Typical applications are a packing for stationery, hosiery, shirts, other textiles and food as monolayer and multilayers. Moplen HP528NS meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	Good balance between slip and anti-blocking properties/ Good transparency/ Low gels/ Good process ability
Market	Flexible Packaging
Application	Stationery Packaging/ Food Packaging/ Hosiery packaging/ Shirts packaging/ Other Textile Packaging

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	11	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	16000	kg/cm ²	ASTM D790
Tensile Strength at Yield	350	kg/cm ²	ASTM D638
Elongation at Yield	11	%	ASTM D638
Izod Impact Strength (23°C)	3	kgcm/cm	ASTM D256
Rockwell Hardness	100	R-Scale	ASTM D785
Vicat Softening Point	145	°C	ASTM D1525
HDT (0.46 N/mm ²)	115	°C	ASTM D648

1) The above values are typical property values for reference only not be construed as specification limits.

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- iv. packaging in direct contact with an active pharmaceutical ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
- v. tobacco related products and applications;
- vi. electronic cigarettes and similar devices; or
- vii. pressure pipe or fittings that are considered a part or component of a nuclear reactor

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