

Moplen HP563S

Homopolymer



Product Description

Moplen HP563S is the controlled rheology polypropylene homopolymer manufactured by UlsanPP under the license of LyondellBasell using Spheripol process. This product is typically used in spunbonded nonwovens. **Moplen HP563S** resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	Excellent spinnability / Excellent drawability / Anti-gas fading
Market	Textile
Application	Diaper and sanitary napkin / Agriculture / Shopping bag / Apparel cover / Wet tissues

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	38	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	15000	kg/cm ²	ASTM D790
Tensile Strength at Yield	380	kg/cm ²	ASTM D638
Elongation at Yield	8	%	ASTM D638
Izod Impact Strength (23°C)	3	kgfcm/cm	ASTM D256
Rockwell Hardness	98	R-Scale	ASTM D785
Vicat Softening Point	153	°C	ASTM D1525
HDT (0.46 N/mm ²)	100	°C	ASTM D648

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 - iv. lead, asbestos or MTBE related applications.

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 - iii. film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices;
 - 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

※ All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

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