Moplen HP650P

Homopolymer

Product Description

***Moplen* HP650P** is the polypropylene homopolymer manufactured by Ulsan PP under the license of **LyondellbasellI** using the **Spheripol** process. This product is typically used in heavy denier BCF and CF multi-filament. ***Moplen* HP650P** resin meets the **FDA** requirements in the Code of Federal Regulations in **21 CFR 177.1520** for food contact.

Features	Excellent spinnability/ Excellent drawability/ Better softness & interlacing & coloring/ Anti-gas fading
Market	Textile
Application	Multi-Filament/ CF/ BCF/ Automobile interior part/ Industrial fiber

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230℃,2.16kg)	15	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	16,000	kg/cm2	ASTM D790
Tensile Strength at Yield	350	kg/cm2	ASTM D638
Elongation at Yield	10	%	ASTM D638
Izod Impact Strength (23℃)	3	kgfcm/cm	ASTM D256
Rockwell Hardness	104	R-Scale	ASTM D785
Vicat Softening Point	152	℃	ASTM D1525
HDT (0.46 N/mm²)	107	℃	ASTM D648

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

2) Before using Ulsan PP product, users shall review carefully Seller's instructions for the use of such product and make their own independent determination of whether the product is suitable for the intended use and can be used safely and legally. If users fail to comply with Seller's restrictions and instructions for the use of the product or an obligation to notify Seller, if applicable, of each specific application before using such product in certain categories of application, users are solely liable for any injuries or damages resulting from their use of such product and Seller shall have no liability whatsoever.

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iv. lead, asbestos or MTBE related applications.

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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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