

Moplen HP5020

Homopolymer



Product Description

Moplen HP5020 is the polypropylene homopolymer manufactured by PMC under the license of BASELL using the Spheripol process. Moplen HP5020 is a homopolymer selected by customers for use in high speed production of staple fiber.

Features	Excellent spinnability/Excellent drawability/Anti-gas fading
Market	Textile
Application	Staple Fiber for diaper and sanitary napkin/Geotextile/Industrial

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/cm3	ASTM D1505
Flexural Modulus	15000	kg/cm2	ASTM D790
Tensile Strength at Yeild	380	kg/cm2	ASTM D638
Elongation at Yeild	10	%	ASTM D638
Izod Impact Strength (23°C)	4	kgcm/cm	ASTM D256
Rockwell Hardness	104	R-Scale	ASTM D785
HDT (0.46 N/mm²)	105	°C	ASTM D648

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

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