

Moplen HP5039

Homopolymer



Product Description

Moplen HP5039 is the polypropylene homopolymer manufactured by PMC under the license of Lyondellbasell using the Spheripol process. Moplen HP5039 is a homopolymer typically used by customers in rope and band applications with good stretchability.

Features	Good processability / Good stretchability
Market	Textile
Application	Rope / Band

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	4	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	15500	kg/cm2	ASTM D790
Tensile Strength at Yeild	340	kg/cm2	ASTM D638
Elongation at Yeild	11	%	ASTM D638
Izod Impact Strength (23°C)	3	kgcm/cm	ASTM D256
Rockwell Hardness	100	R-Scale	ASTM D785
Vicat Softening Point	150	°C	ASTM D1525
HDT (0.46 N/mm²)	102	°C	ASTM D648

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

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