

Moplen HP5021

Homopolymer



Product Description

Moplen HP5021 is the polypropylene homopolymer. This product is designed for the foamed glass fiber sheet for Low weight reinforced thermoplastic applications in automotive parts with the benefit of excellent processability and high mechanical properties.

Features	Excellent flowability/ Heat resistance/ Balanced mechanical properties/ Chemical resistance
Market	Automotive/Compounds
Application	Glass fiber composite

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	325	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	13500	kg/cm2	ASTM D790
Tensile Strength at Yeild	320	kg/cm2	ASTM D638
Elongation at Yeild	5	%	ASTM D638
Izod Impact Strength (23°C)	2	kgcm/cm	ASTM D256
HDT (0.46 N/mm²)	110	°C	ASTM D648

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

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