

[Home](#) / [Products & Technology](#) / [Polymers](#) / **Moplen HP5035**

Moplen HP5035

Description

Moplen HP5035 is a polypropylene homopolymer with excellent processability and high mechanical properties, typical customer application is LWRT (low weight reinforced thermoplastic) of automotive parts.

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Legend

SDS - Safety Data Sheet

PSB - Product Stewardship Bulletin

[Information](#)[SDS](#)

Product Data and Technical Information

Typical Properties

Melt Flow Rate (230°C/2.16 kg)	100 g/10 min
Density	0.90 g/cm ³
Flexural Modulus	1400 MPa
Tensile Strength at Yield	33 MPa
Tensile Elongation at Yield	8 %
Notched Izod Impact Strength (23°C)	20 J/m
Rockwell Hardness (R-Scale)	102
Deflection Temperature Under Load (0.46 N/mm ²)	110 °C

Process

Compounding

Resin

Homopolymer Polypropylene

Applications

Automotive Parts, Exterior Automotive Applications

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