

HIGH STIFFNESS PP HOMOPOLYMERS

Developed for the automotive compounding market, our high crystallinity homopolymers provide premium levels of stiffness, flowability, compounding flexibility, and performance.

APPLICATIONS

- Automotive components
- LFT compounds
- Composites for appliances



FEATURES

- 20% higher stiffness compared to classical hPP
- Weight reduction by filler or wall thickness reduction
- Low volatiles for interior components (meet VDA277 and VDA278 automotive standards)

SUSTAINABILITY

All grades are available with ISCC+ certification, using the mass balance method with **bio, circular or bio-circular feedstocks**, ensuring sustainability and traceability across the supply chain.



GRADES

F030HC

High crystallinity for superior stiffness; improved VOC performance

F350HC

High crystallinity for superior stiffness; improved VOC performance

F1000HC2

High crystallinity for superior stiffness; improved VOC performance; high flowability

MFR (g/10 min)
ISO 1133

3,3

35

110

Flexural modulus (MPa)
ISO 178

2050

2000

2200

N. Charpy Impact @23 °C
ISO 179

3,5

2,5

1,5

Strength at yield
ISO 527-1

40

40

41

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