



## Maxxam™ H4 GF30 H black

### Polypropylene Homopolymer

#### Key Characteristics

##### Product Description

PolyOne's Maxxam™ family of polypropylene- and polyethylene-based products covers a wide range of applications, markets and performance requirements. Standard grades are compounded with calcium carbonate, glass and talc to provide a desired balance of properties including stiffness, durability, impact resistance and heat resistance. Custom grades are available with features such as UV stabilizers, heat stabilizers, custom color, high impact, etc.

##### General

Material Status	• Commercial: Active
Regional Availability	• Europe
Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight • Talc, 15% Filler by Weight
Additive	• UV Stabilizer
Features	• Filled • Homopolymer
Uses	• Automotive Applications • Consumer Applications • Industrial Applications • Construction Applications • General Purpose
Forms	• Pellets
Processing Method	• Injection Molding

#### Technical Properties <sup>1</sup>

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density <sup>2</sup> (73°F (23°C))	1.16 g/cm <sup>3</sup>	1.16 g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.3 g/10 min	3.3 g/10 min	ISO 1133
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Modulus 73°F (23°C), 0.157 in (4.00 mm)	638000 psi	4400 MPa	ISO 527-2/1
Tensile Stress Break, 73°F (23°C), 0.157 in (4.00 mm)	6960 psi	48.0 MPa	ISO 527-2/5

#### Notes

<sup>1</sup> Typical values are not to be construed as specifications.

<sup>2</sup> ±0.03