Celanese
The chemistry inside innovation™

OMNIPRO® HPP GRC30

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Homopolymer Polypropylene. 30% Glass Reinforced.

Product information

Resin Identification	PP-GF30		ISO 1043
Part Marking Code	>PP-GF30<		ISO 11469

Rheological properties

Melt mass-flow rate	6	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile modulus	1.04E6	psi	ISO 527-1/-2
Tensile stress at break, 5mm/min	10900	psi	ISO 527-1/-2
Tensile strain at break, 5mm/min	3	%	ISO 527-1/-2
Flexural modulus	935000	psi	ISO 178
Flexural strength	17400	psi	ISO 178
Charpy notched impact strength, 23°C	5.23	ftlb/in^2	ISO 179/1eA

Physical/Other properties

Density	0.0408	lb/in^3	ISO 1183

Revised: 2024-01-23 Source: Celanese Materials Database

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