OMNIPRO® HPP GRC40 LG

OMNIPRO®

Polypropylene, homopolymer, 40% glass fiber reinforced, chemically coupled, heat stabilized

Product information

Resin Identification	PP-GF40		ISO 1043
Part Marking Code	>PP-GF40<		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 stress at break, 5mm/min	14500	psi	ISO 527-1/-2
Tensile strain at break, 5mm/min	3	%	ISO 527-1/-2
Flexural modulus	1.45E6	psi	ISO 178
Flexural strength	23100	psi	ISO 178
Charpy impact strength, 23°C	7.14	ftlb/in^2	ISO 179/1eU

Physical/Other properties

Density	0.0448	lb/in^3	ISO 1183

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

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