OMNIPRO® CPP GRC20

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20% Glass Filled Polypropylene Copolymer

Product information

Resin Identification	PP-GF20		ISO 1043
Part Marking Code	>PP-GF20<		ISO 11469

Rheological properties

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

Typical mechanical properties

Tensile modulus	754000	psi	ISO 527-1/-2
Tensile stress at break, 5mm/min	8700	psi	ISO 527-1/-2
Tensile strain at break, 5mm/min	3	%	ISO 527-1/-2
Flexural modulus	696000	psi	ISO 178
Flexural strength	16700	psi	ISO 178
Charpy impact strength, 23°C	5.23	ftlb/in^2	ISO 179/1eU

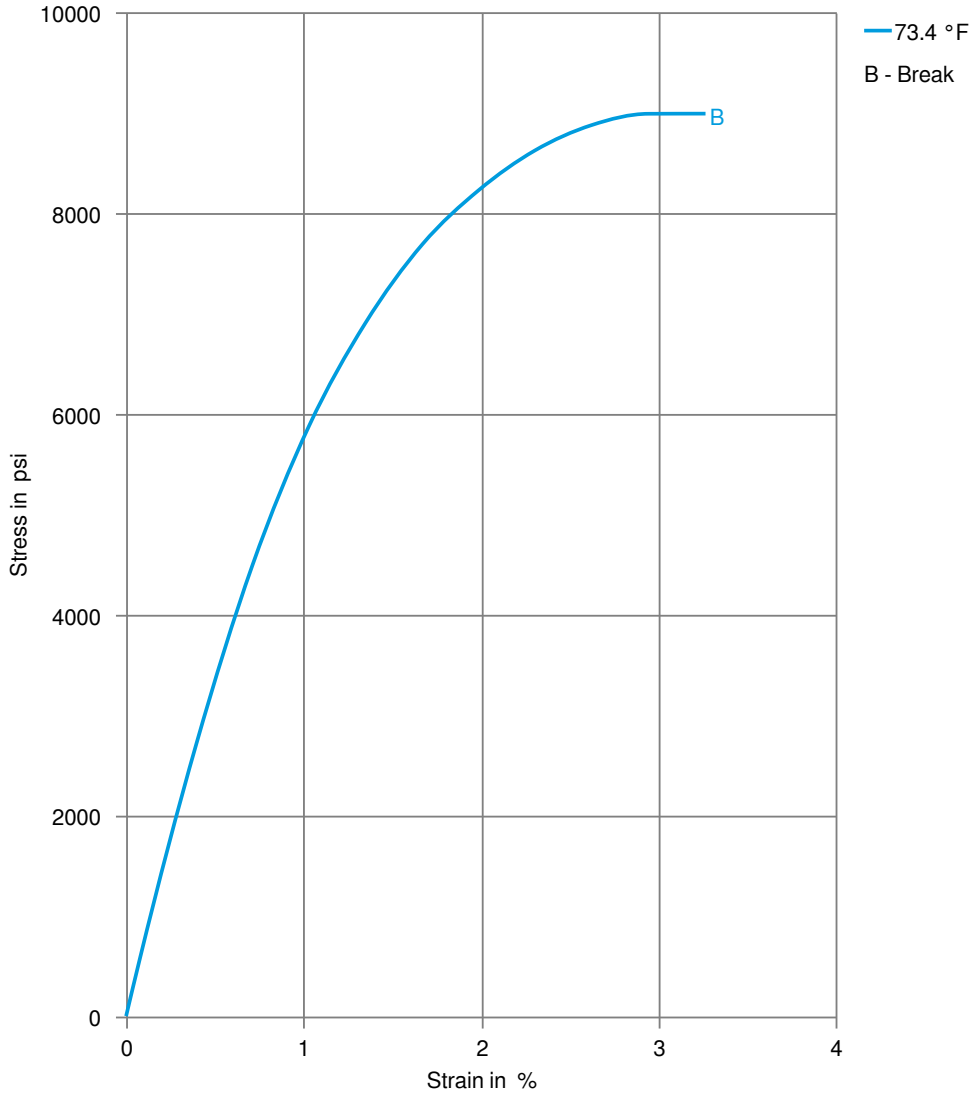
Physical/Other properties

Density	0.0379	lb/in^3	ISO 1183

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Stress-strain

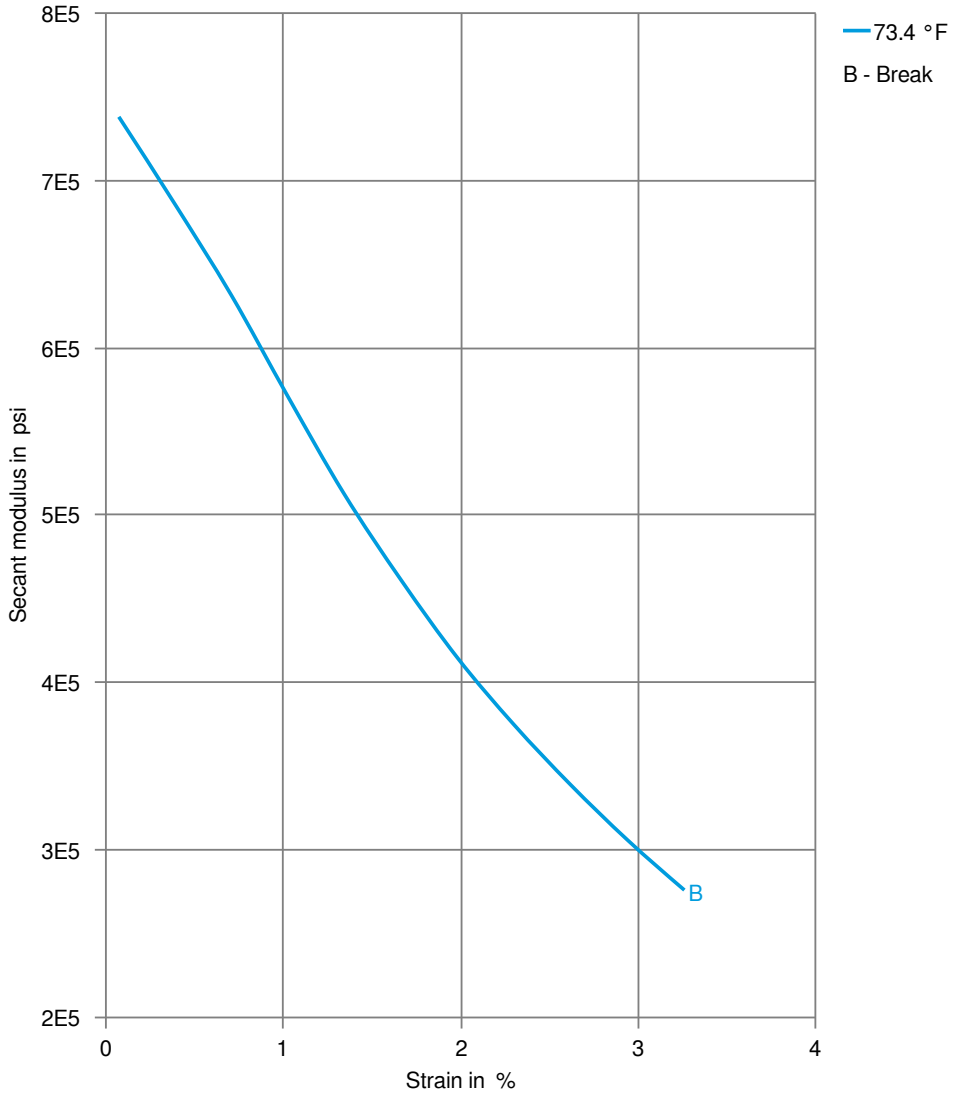


Revised: 2024-01-23 Source: Celanese Materials Database

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Secant modulus-strain



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