TECNOPRENE® FK6HCT

TECNOPRENE®

Product information

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

Rheological properties

Melt mass-flow rate	4.9	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile modulus	1.03E6	psi	ISO 527-1/-2
Tensile stress at break, 5mm/min	12300	psi	ISO 527-1/-2
Flexural modulus	957000	psi	ISO 178
Flexural strength	19600	psi	ISO 178
Charpy impact strength, 23°C	16.6	ftlb/in^2	ISO 179/1eU
Izod notched impact strength, 23°C	5.71	ftlb/in^2	ISO 180/1A

Thermal properties

Temperature of deflection under load, 1.8 MPa	304	°F	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	280	°F	ISO 306

Flammability

Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.1260	in	IEC 60695-11-10
FMVSS Class	B		ISO 3795 (FMVSS 302)
Burning rate, Thickness 1 mm	2.6	in/min	ISO 3795 (FMVSS 302)

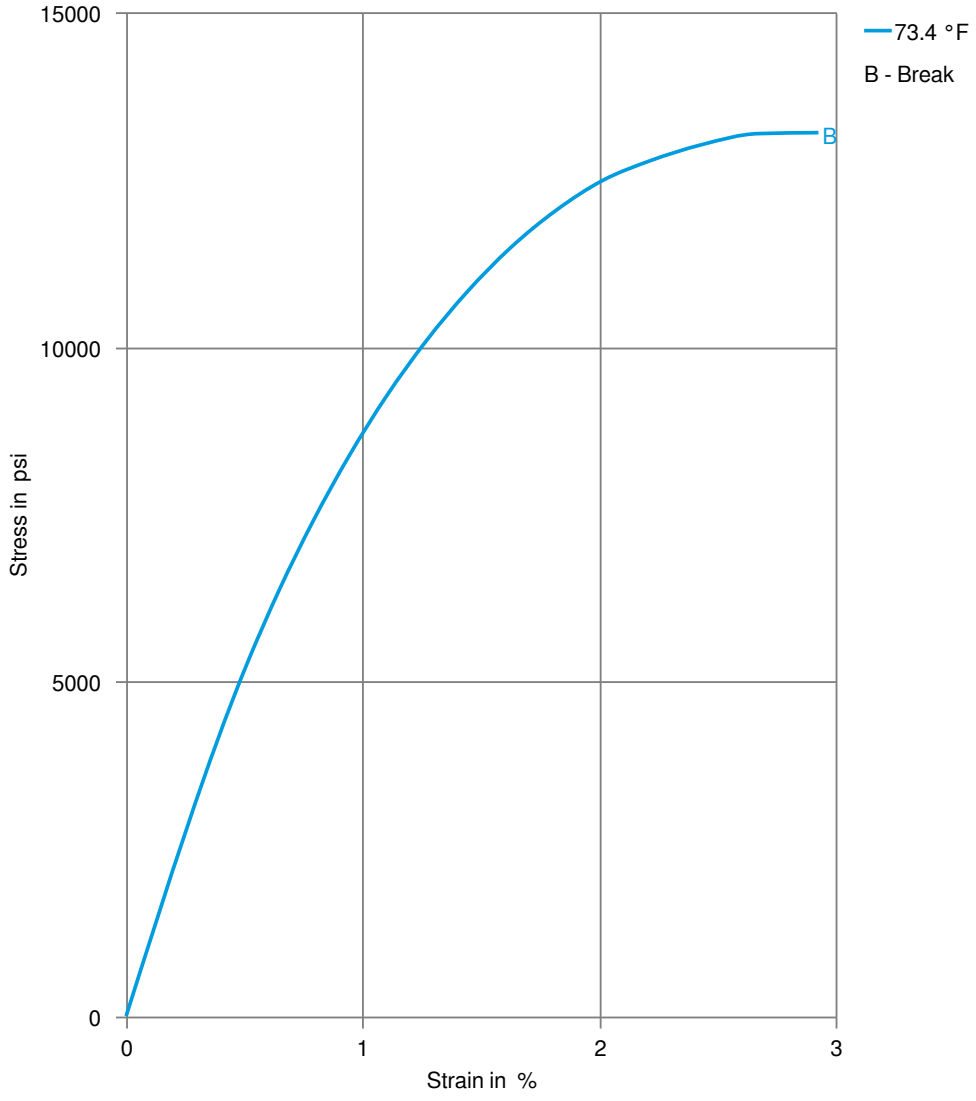
Physical/Other properties

Density	0.0408	lb/in^3	ISO 1183

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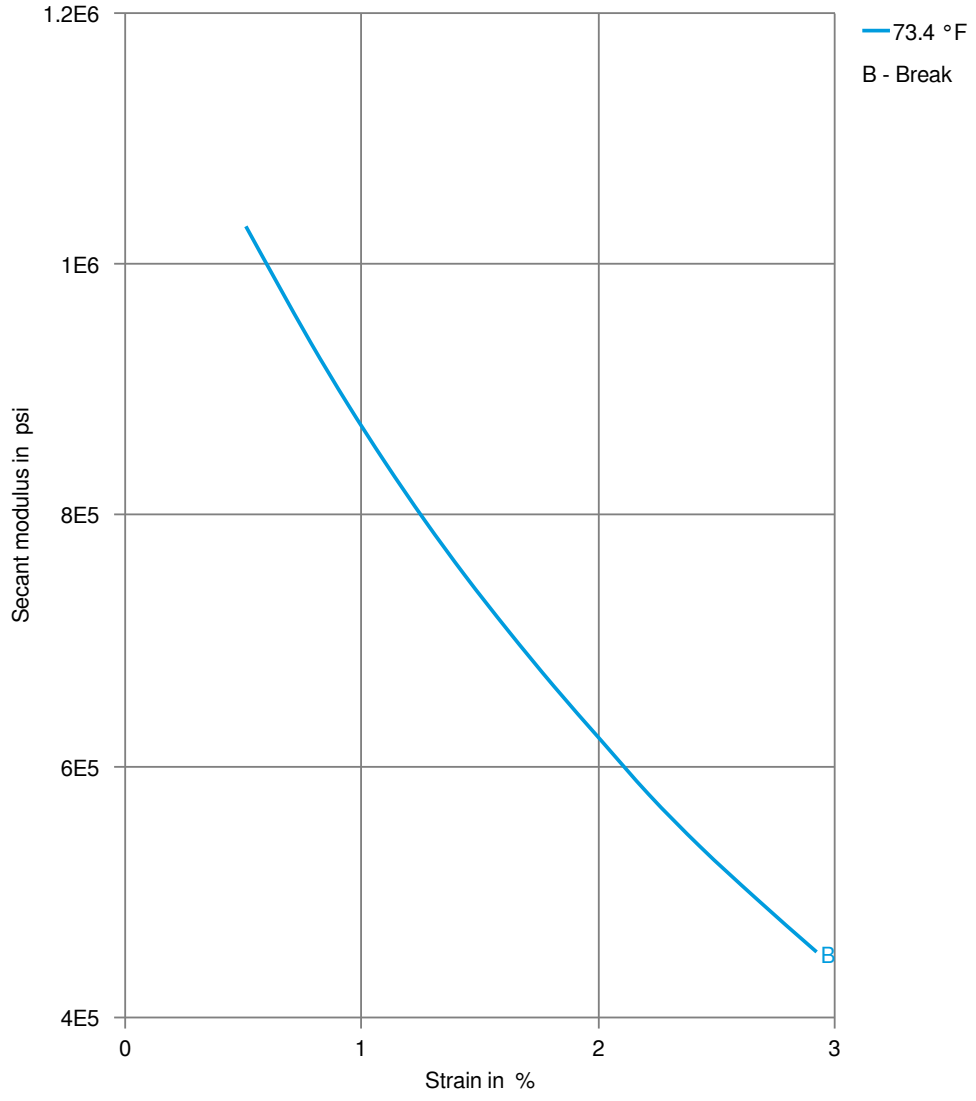
Stress-strain



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Secant modulus-strain



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