TECNOPRENE® AK6LE BIANCO 162

TECNOPRENE®

Polypropylene, homopolymer, 30% glass fiber reinforced, chemically coupled, low emission.

Product information

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

Rheological properties

Melt mass-flow rate	4.5	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	
Molding shrinkage range, parallel	0.3 - 0.6	%	ISO 294-4, 2577
Molding shrinkage range, normal	0.7 - 0.9	%	ISO 294-4, 2577

Typical mechanical properties

Tensile modulus	957000	psi	ISO 527-1/-2
Tensile stress at break, 5mm/min	9860	psi	ISO 527-1/-2
Tensile strain at break, 5mm/min	3.2	%	ISO 527-1/-2
Flexural modulus	1.06E6	psi	ISO 178
Flexural strength	17400	psi	ISO 178
Charpy impact strength, 23°C	16.6	ftlb/in²	ISO 179/1eU
Charpy impact strength, -30°C	13.3	ftlb/in²	ISO 179/1eU
Charpy notched impact strength, 23°C	3.81	ftlb/in²	ISO 179/1eA
Charpy notched impact strength, -30°C	2.38	ftlb/in²	ISO 179/1eA

Thermal properties

Temperature of deflection under load, 1.8 MPa	280	°F	ISO 75-1/-2

Flammability

Burning Behav. at 1.5mm nom. thickn.	HB	class	IEC 60695-11-10
Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.1260	in	IEC 60695-11-10

Physical/Other properties

Density	0.0437	lb/in³	ISO 1183

Automotive

OEM	STANDARD	ADDITIONAL INFORMATION
Stellantis - Chrysler	MS.50042 / CPN-5472	White;ASTMD5857 PP1140G30 G67370RXX
VW Group	No Spec, special part approval	

Characteristics

Processing	Injection Molding
Special characteristics	Low emissions

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

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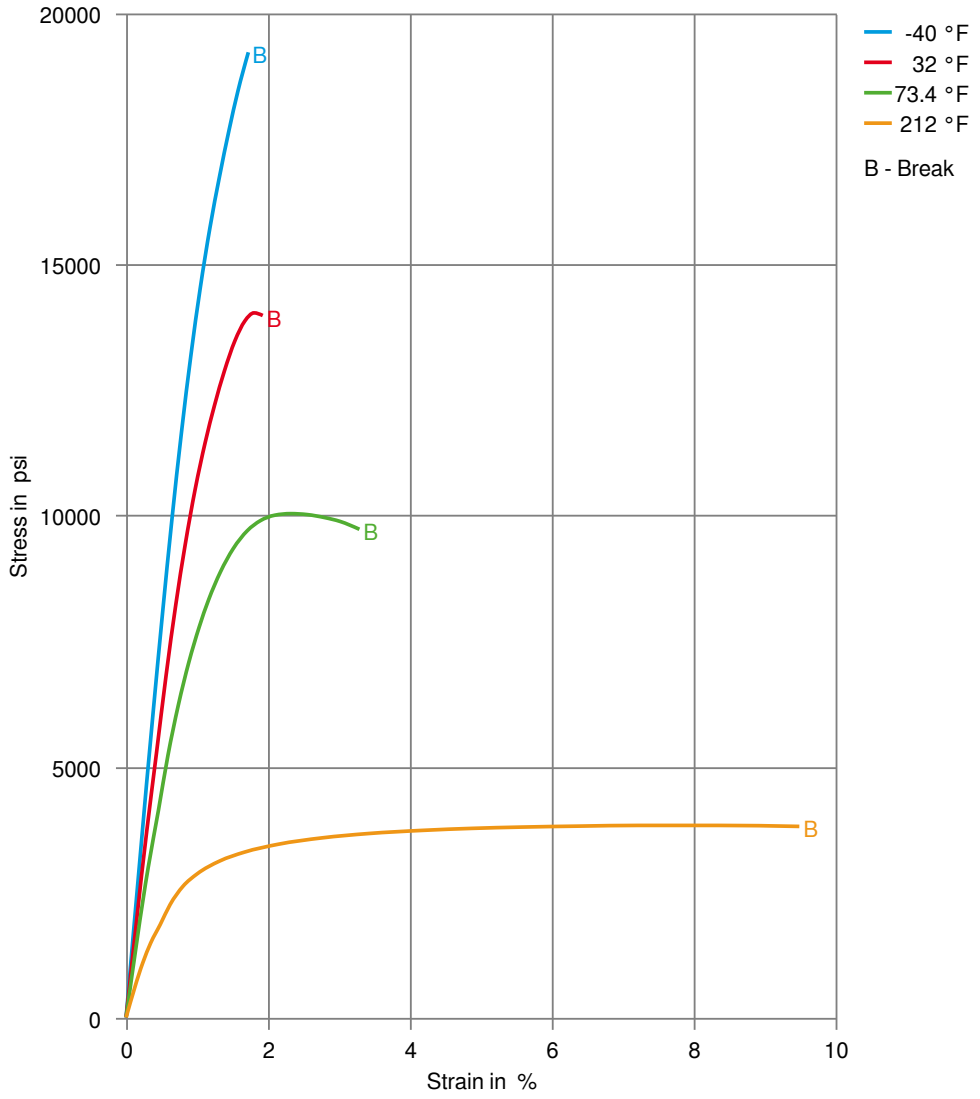
Additional information

Processing Notes

Storage

This product should be stored in a covered facility and kept away from moisture and heat.

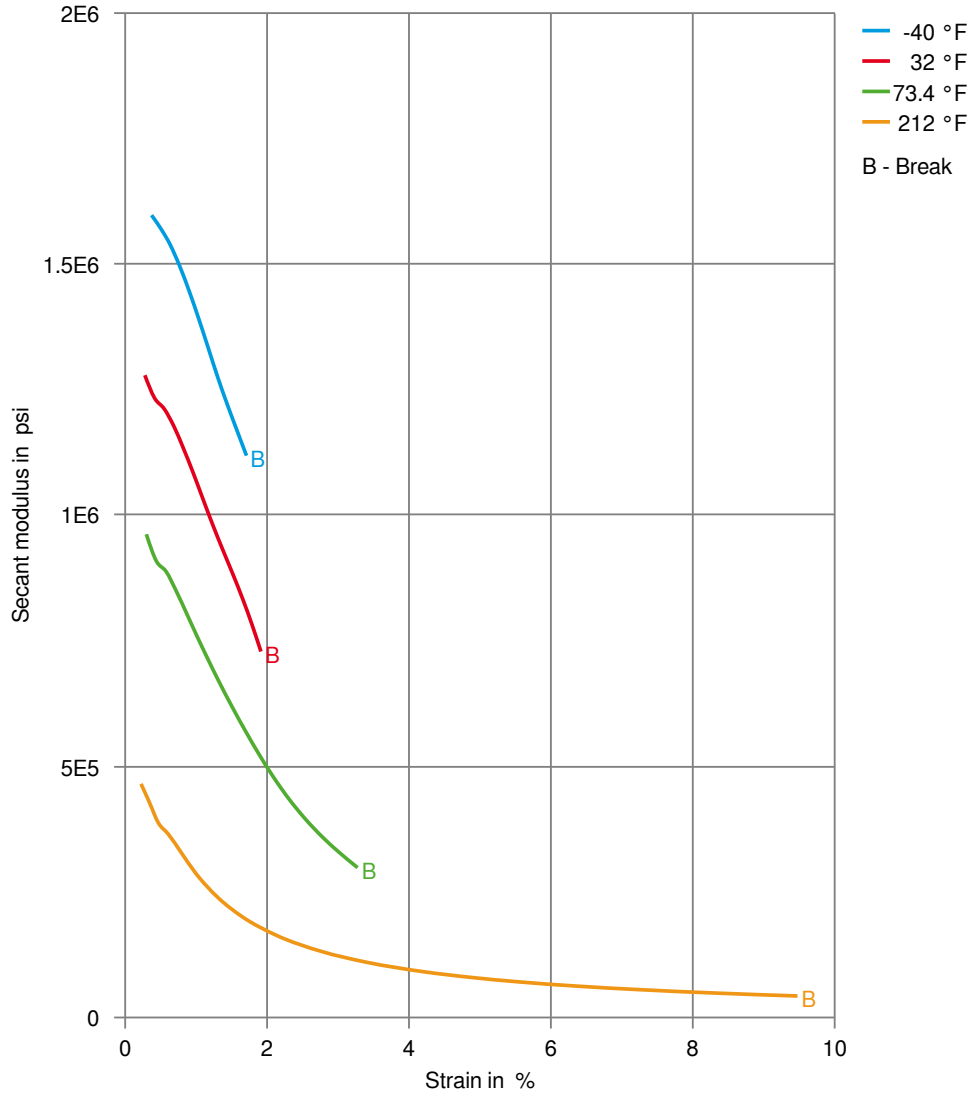
Stress-strain



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Secant modulus-strain



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