

B 2315GF

Property	ASTM	Typical Values ⁽¹⁾			
	Test	U.S. Customary Units		SI Units	
	Method	Value	Units	Value	Units
General					
Specific Gravity	D 792	1.43		1.43	
Water Absorption, 24 hours	D 570	0.51	%	0.51	%
Filler Content		15	%	15	%
Mechanical					
Tensile Strength	D 638	16.2	kpsi	113	MPa
Tensile Modulus	D 638	815	kpsi	5.7	GPa
Tensile Elongation at Break	D 638	3.4	%	3.4	%
Flexural Strength	D 790	25.0	kpsi	175	MPa
Flexural Modulus	D 790	786	kpsi	5.5	GPa
Impact Strength- Notched Izod	D 256	1.3	ft-lb/in	70	J/m
Thermal					
DTUL at 264 psi (1.82 MPa) ⁽²⁾	D 648	419	°F	215	°C
Glass Transition Temp.	D 3482	437	°F	225	°C
Electrical					
Dielectric Strength	D 149	381	V/mil	15	kV/mm
Dielectric Constant @ 1 MHz	D 150	3.5		3.5	
Dissipation Factor @ 1 MHz	D 150	0.01		0.01	
Volume Resistivity	D 257	>10 ¹⁵	ohm-cm	>10 ¹⁵	ohm-cm
Surface Resistivity	D 257	>10 ¹⁵	ohm/sq	>10 ¹⁵	ohm/sq
Comparative Tracking Index	D 3638	150	V	150	V
Arc Resistance	D 495	100	sec	100	sec
Flammability					
Flammability at 0.9 mm (0.035") ⁽³⁾	UL 94	V-0		V-0	
Limiting Oxygen Index	D 2863	39	%	39	%

⁽¹⁾ These properties has been determined from injection molded test specimen under ideal processing parameters and conditioned at 23+/- 2°C and 50%RH .

⁽²⁾ Measured using annealed specimen

⁽³⁾ Expected

Product Safety and Emergency Service

For product safety information or a Material Safety Data Sheet on a product of Solvay Advanced Polymers

1 (800) 621-4557

1 (770) 772-8880 outside of U.S.

For information or help in an emergency such as a spill, leak, fire or explosion, call day or night:

Emergency Health Information

1 (800) 621-4590

1 (770) 772-5177 outside of U.S.

Emergency Spill Information

CHEMTREC 1 (800) 424-9300

1 (703) 527-3887 outside of U.S.

collect calls accepted

For Additional Information

Technical Service

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Customer Service

1 (800) 848-9744

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