

VeroGray Properties	ASTM	Metric		Imperial	
Tensile Strength	D-638-03	MPa	60	psi	8,700
Modulus of Elasticity	D-638-04	MPa	3,000	psi	435,000
Elongation at Break	D-638-05	%	15	%	15
Flexural Strength	D-790-03	MPa	95	psi	13,775
Flexural Modulus	D-790-04	MPa	3,000	psi	435,000
Compressive Strength	D-695-02	MPa	85.5	psi	12,398
Izod Notched Impact	D-256-06	J/m	25	ft lb/in	0.47
Shore Hardness	Scale D	Scale D	86	Scale D	86
Rockwell Hardness	Scale M	Scale M	49	Scale M	49
HDT at 0.45 MPa	D-648-06	°C	49	°F	120
HDT at 1.82MPa	D-648-07	°C	47	°F	117
Tg	DMA, E''	°C	56.5	°F	134
Ash Content	NA	%	<0.26	%	<0.26
Water Absorption	D570-98 24 Hr	%	1.12	%	1.12

Properties

Standard Procedure

VeroWhite

VeroBlue

Tensile Strength, MPa	D-638	49.8	55.1
Elongation at break, %	D-638	15% - 25%	15% - 25%
Modulus of Elasticity, MPa	D-638	2,495.0	2,740.0
Flexural Strength, Mpa	D790	74.6	83.6
Flexural Modulus, Mpa	D790	2,137.0	1,983.0
Izod Notched Impact, J/m	D256	37.5	42.5
Compression Strength, MPa	D695	-	79.3
SHORE	Scale D	83.0	83.0
Rockwell	Scale M	81.0	81.0
Heat Distortion Temperature, C	D648 @ 0.45Mpa @ 1.82Mpa	47.6	48.8
		43.6	44.8
Tg,°C	DMA, E''	58.0	48.7
Ash Content		<0.40%	<0.30%

Properties

Standard Procedure

FullCure[®] 720

Tensile Strength, MPa	D-638	60.3
Elongation at break, %	D-638	15% - 25%
Modulus of Elasticity, MPa	D-638	2,870.0
Flexural Strength, Mpa	D790	75.8
Flexural Modulus, Mpa	D790	1,718.0
Izod Notched Impact, J/m	D256	39.6
Compression Strength, MPa	D695	84.3
SHORE	Scale D	83.0
Rockwell	Scale M	81.0
Heat Distortion Temperature, C	D648 @ 0.45Mpa @ 1.82Mpa	48.4
		44.4
Tg,°C	DMA, E''	48.7
Ash Content		<0.01%