

TECHNICAL DATA SHEET

Materials Specifications for materials used in
TheCornerGuardStore™ Wall Protection Products

Adjustable Angle Copolymer Extrusions

Material: Provista Copolymer NXT (or equivalent)

PROPERTIES	TEST METHOD	VALUE
Specific Gravity	ASTM D-792	1.31
Tensile Yield Strength, psi	ASTM D-638	7690
Tensile Elongation Yield	ASTM D-638	5.0%
Tensile Modulus, psi	ASTM D-638	320000
Flexural Yield Strength, psi	ASTM D-790	10400
Flexural Modulus, psi	ASTM D-790	305000
Notched Izod Impact Strength ft-lbs/in	ASTM D-256	.78 (-40°F) 1.4 (73°F)
Hardness, Shore R	ASTM D-785	110
Deflection Temperature Under Load		
66 psi, Unannealed	ASTM D-648	154°F
264 psi, Unannealed	ASTM D-648	144°F

Provista Copolymer NXT has been GREENGUARD INDOOR AIR QUALITY
CERTIFIED®



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